

REPLACE WINDOWS STATION WIDE

Dept. of Veterans Affairs Medical Center

SALISBURY, NC



1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CONTRACT DOCUMENTS & REQUIREMENTS

2. THE CONTRACTOR SHALL CHECK ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AS SHOWN BEFORE PROCEEDING WITH THE CONSTRUCTION. IF THERE ARE ANY QUESTIONS, THE CONTRACTOR SHALL OBTAIN A CLARIFICATION FROM THE GOVERNMENT BEFORE PROCEEDING WITH THE WORK IN QUESTION OR RELATED WORK.

3. DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS SHALL ALWAYS GOVERN. CONTRACTOR REQUIRING DIMENSIONS NOT NOTED, SHALL CONTACT THE GOVERNMENT FOR SUCH INFORMATION PRIOR TO PROCEEDING WITH WORK RELATED TO THOSE DIMENSIONS.

4. CONTRACTOR SHALL NOTIFY GOVERNMENT OF CONFLICTS BETWEEN DRAWINGS DETAILS AND SPECIFICATION IN WRITING, PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.

5. "TYPICAL" OR "TYP." MEANS THAT THE CONDITION IS REPRESENTATIVE FOR ALL SIMILAR CONDITIONS, UNLESS OTHERWISE NOTED. "SIMILAR" OR "SIM" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLANS AND ELEVATIONS. "ALIGN" AS USED IN THESE DOCUMENTS MEANS TO ACCURATELY LOCATE FINISHES IN THE SAME PLACE.

6. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS, BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.

7. CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING HANGERS OR OTHER SUPPORTS OF ALL FIXTURES, EQUIPMENT, FURNISHINGS AS REQUIRED BY MANUFACTURE AND THE VA.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING FOR PROPER INSTALLATION OF MATERIAL AND EQUIPMENT.

9. ALL PENETRATIONS THROUGH MASONRY AND CONCRETE STRUCTURES SHALL BE SEALED TO PROTECT AGAINST FIRE WITH ENVIRONMENTAL CONDITIONS THAT EXIST.

10. CONTRACTOR TO SUBMIT MOBILIZATION PLAN TO GOVERNMENT FOR APPROVAL BEFORE MOBILIZATION OF THE JOB CAN TAKE PLACE.

11. CONTRACTOR NOT TO PARK IN PATIENT PARKING OR EMPLOYEE LOTS. PARK ONLY ON DESIGNATED BY COR. CONTRACTOR TO COORDINATE WITH COR FOR PARKING AREAS AND PROPER ACCESS TO CONSTRUCTION AREA.

12. BEFORE STARTING WORK IN A NEW AREA OR MOVING EQUIPMENT FROM ONE AREA TO ANOTHER, COORDINATION WITH THE FACILITY AND GOVERNMENT IS REQUIRED TO ENSURE PATIENT SAFETY.

13. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAKE THE PROPER COORDINATION IN ADVANCE FOR MAJOR INTERRUPTIONS (15 CALENDAR DAYS) AND ANY DELAY OF WORK CAUSED BY IMPROPER NOTICE WILL BE RESPONSIBILITY OF THE CONTRACTOR NOT THE GOVERNMENT.

14. AT ANY TIME IMPROPER PROCEDURES ARE OBSERVED THAT PUT PATIENT SAFETY, STAFF, OR CONTRACTOR WORKERS SAFETY AT RISK, THE WORK WILL BE STOPPED UNTIL CORRECTIONS ARE MADE AND APPROVED BY THE GOVERNMENT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DELAY DUE TO IMPROPER ADHERENCE TO THE CONTRACT/DOCUMENTS AND/OR SAFETY REGULATIONS.

15. BEFORE ANY NEW ELECTRICAL, MECHANICAL, AND/OR SITE MODIFICATIONS THE CONTRACTOR MUST NOTIFY THE GOVERNMENT 72 HOURS IN ADVANCE FOR PROPER COORDINATION TO ENSURE PATIENT, STAFF, AND CONTRACTOR WORKERS SAFETY.

16. CONTRACTOR TO REMOVE ALL DEBRIS FROM CONSTRUCTION AREA THAT MIGHT EFFECT GOVERNMENT OPERATIONS AND EACH DAY PERFORM HOUSE KEEPING OPERATIONS TO ENSURE CLEAN WORK AREA.

1. BECAUSE WORK IS BEING DONE IN AN ACTIVE HOSPITAL SPECIAL PRECAUTIONS AND COORDINATION MUST BE TAKEN BEFORE ANY WORK CAN BE STARTED.

2. MOBILIZATION PLAN MUST BE SUBMITTED TO THE GOVERNMENT AND APPROVED. MOBILIZATION PLAN MUST ADDRESS DUST CONTROL MEASURE, MOVEMENT OF MATERIALS, CONTROL METHODS DURING CONSTRUCTION, TRAFFIC CONTROL, AND DEMOBILIZATION OUTLINE.

3. ALL WORK SHALL BE DONE IN A PROFESSIONAL MANNER AT ALL TIMES WORKERS WILL CONDUCT THEMSELVES IN A WAY AS NOT TO DISTURB NORMAL HOSPITAL OPERATIONS.

4. THE GOVERNMENT RESERVES THE RIGHT TO REMOVE ANY PERSONNEL FROM THE JOB SITE FOR ANY FAILURE TO ADHERE TO THE CONTRACT/DOCUMENTS AND/OR SAFETY REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE COST IMPACT BECAUSE OF FAILURE TO ADHERE TO CONTRACT/DOCUMENTS AND/OR SAFETY REGULATIONS.

5. AT ALL TIMES, CONTRACTORS SHALL WEAR ID BADGES AND PROPER PPE.

6. CONTRACTOR WORKERS MUST COMPLETE TWO DVD INFECTION CONTROL TRAINING SESSIONS BEFORE ANY WORK CAN BEGIN.

DRAWINGS:

1. COVER SHEET

2. B 3 GROUND AND 1st FLOOR

3. B 3 2nd AND 3rd FLOOR

4. B 3 4th AND PENTHOUSE PLANS

5. B 4 GROUND AND 1st FLOOR PLANS

6. B 4 2nd AND 3rd FLOOR

7. B 4 4th AND PENTHOUSE PLANS

8. B 5 GROUND AND 1ST FLOOR PLANS

9. B 6 WINDOW LOCATIONS

10. B 12 & 14W 1st AND 2nd FLOORS PLANS

11. B 15 AND B 19 CHAPEL / TUNNEL LOCATIONS FOR REPLACEMENT.

12. DETAILS AND NOTES FOR "A" WINDOW REPLACEMENT

13. EXISTING DOUBLE HUNG SECTION DETAILS

14. EXISTING DOUBLE HUNG WINDOW SECTION DETAILS

15. COMMERCIAL SECTIONS AND ELEVATIONS DETAILS

16. EXISTING STAINED GLASS DETAILS IN B 19 CHAPEL

LOCATION MAP

KEY PLAN

STATEMENT OF WORK:

PROVIDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, QUALIFIED SUPERVISION, AND ALL ASPECTS OF CONSTRUCTION DESCRIBED HEREIN AS DEFINED. WORK INCLUDES, BUT NOT LIMITED TO THE COMPLETE REMOVAL AND INSTALLATION OF WINDOWS IN BUILDINGS 3, 4, 5, 6, 12, 14W, 15, 19, CHAPEL TUNNELS. THE WINDOWS WILL BE OF VARIOUS SIZES AND SHAPES. THE PROJECT INVOLVES VARIOUS BUILDINGS OF SIZE AND HEIGHTS SO SAFETY IS A LARGE PART OF THIS CONTRACT. THE CONTRACTOR SHALL VISIT THE SITE TO SEE SITE CONDITIONS REGARDING INDIVIDUAL WINDOWS BEING REPLACED. THE REMOVED WINDOWS ARE TO BE RECYCLED AS PER SPECIFICATION REQUIREMENTS. SOME OF THE WINDOWS HAVE SECURITY SCREENS THAT NEED TO BE REMOVED AND RECYCLED AND OTHER WINDOWS HAVE OUTDATED SECURITY SCREENS AND WILL NEED TO BE REPLACED WITH NEW SCREENS PER SPECIFICATIONS. PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION AND INSTALLATION BACK TO ORIGINAL OR BETTER CONDITIONS. THE CONTRACTOR IS TO REMOVE AND REINSTALL ALL SHADES AND WINDOW TREATMENTS.

PROJECT NOTES

1. ALL EMPLOYEES ARE TO HAVE THEIR BADGES ON AT ALL TIMES.

2. THE CONTRACTOR IS TO KEEP THE AREAS THAT THEY ARE WORKING IN CLEAN AND DEBRIS FREE. MOP FLOORS AFTER INSTALLATION AND BEFORE LEAVING AREA. REMOVE ALL DEBRIS DAILY FROM AREA.

3. BUILDING 4 IS A MENTAL HEALTH BUILDING AND EXTREME CARE IS TO BE TAKEN WHILE WORKING. ALL TOOLS ARE TO BE KEPT LOCKED UP AND AT THE MOST ARM DISTANCE AWAY FROM WORKER.

4. DUST BARRIERS ARE TO BE INSTALLED IN AREA AROUND THE REMOVAL OF WINDOWS TO CONTAIN ANY AND ALL DUST CREATED.

5. ALL WINDOWS ARE TO BE SEALED PRIOR TO LEAVING AREA. THIS INCLUDES THE INSTALLATION OF INSULATION AND TRIM SO THAT NO AIR CAN FLOW THROUGH WINDOW OPENING.

6. DUE TO THE LARGE NUMBER OF WINDOWS THIS PROJECT MAY REQUIRE THE CONTRACTORS WORK SCHEDULE TO INCLUDE SATURDAY, SUNDAYS AND NIGHTS.

7. ALL WINDOWS ARE TO BE COMPLETED PRIOR MOVING ONTO ANOTHER WINDOW.

8. THE CONTRACTOR IS TO REMOVE ALL EXISTING FINISH SURFACES DOWN TO A COMMON (CMU OR CONCRETE SURFACE) PRIOR TO INSTALLING NEW WINDOWS.

9. ALL WINDOW TREATMENTS AND WINDOW SHADES ARE TO BE REMOVED AND REINSTALLED. ALL MINI BLINDS ARE TO BE REMOVED AND TURNED OVER TO THE VA.

THE INSULATION REQUIREMENTS APPLY TO ALL NEW WINDOWS

PROJECT DEDUCTS

DEDUCTS:

1. ALL WORK IN THE PROJECT MINUS THE WORK IN BUILDING 14 W.

2. ALL WORK IN THE PROJECT MINUS ALL WORK IN BUILDING 14 W. AND BUILDING 19 CHAPEL AND TUNNEL (INCLUDE ADMINISTRATION AREA OF CHAPEL)

3. ALL THE WORK IN THE PROJECT MINUS THE WORK IN BUILDING 12, BUILDING 14 WEST AND BUILDING 19 CHAPEL AND TUNNEL

4. ALL THE WORK IN THE PROJECT MINUS THE WORK IN BUILDING 4, BUILDING 12, BUILDING 14 WEST, BUILDING 19 CHAPEL AND TUNNEL.

PHASING PLAN

PHASE I

• WILL INCLUDE ALL REQUIRED APPROVAL DOCUMENTATION, OSHA INFORMATION, SUBMITTALS, SAMPLES, COST BREAKDOWNS FOR EACH PHASE.

PHASE II

• WILL INCLUDE ALL WORK IN BUILDINGS 5 AND 6

PHASE III

• WILL INCLUDE BUILDING 3 AND BUILDING 19 AND THE CHAPEL TUNNEL

PHASE IV

• WILL INCLUDE ALL WORK IN BUILDING 4

PHASE V

• WILL INCLUDE ALL WORK IN BUILDINGS 12 AND 14W.

STATION

CLIMATE ZONE

ROOF INSULATION

WALL INSULATION

FLOOR INSULATION

DOOR MAX (OVERALL U")

MAX U" WINDOWS

SALESBURY (659)

3A

R20 G; METAL R13+ R13; ATTIC R30

R13; 7.5 G; METAL R19; MASS 9.5 G

R30 SLAB R15 FOR 24"

0.07

0.06

0.25

2

CHANGED BLDG # ON B15 TO CORRECT NUMBER

2-18-14

2

ADDED INSULATION VALUES CHART TO DRAWING

2-5-14

1

REVISED THE PHASING NOTES

12-2-13

Revision

Date

RECOMMEND APPROVAL

REQUESTER

Date

CHIEF OF SERVICE

Date

ASSOC. DIR. PATIENT CARE SVC.

Date

APPROVAL BY:

Date

MEDICAL CENTER DIRECTOR

Drawing Title

COVER SHEET

Approved: Safety Manager/M&O Supervisor

Approved: Chief of Facilities Management Svr.

Project Title

REPLACE WINDOWS STATION WIDE

Building Number

STATION WIDE

Checked

GLM

Drawn

GLM

Location

W.G.(Bill) Hefner Medical Center
1601 Brenner Ave.
Salisbury NC 28144

Date

15 OCTOBER 2013

Project No.

659-14-203

DRAWING NO.

1 R2

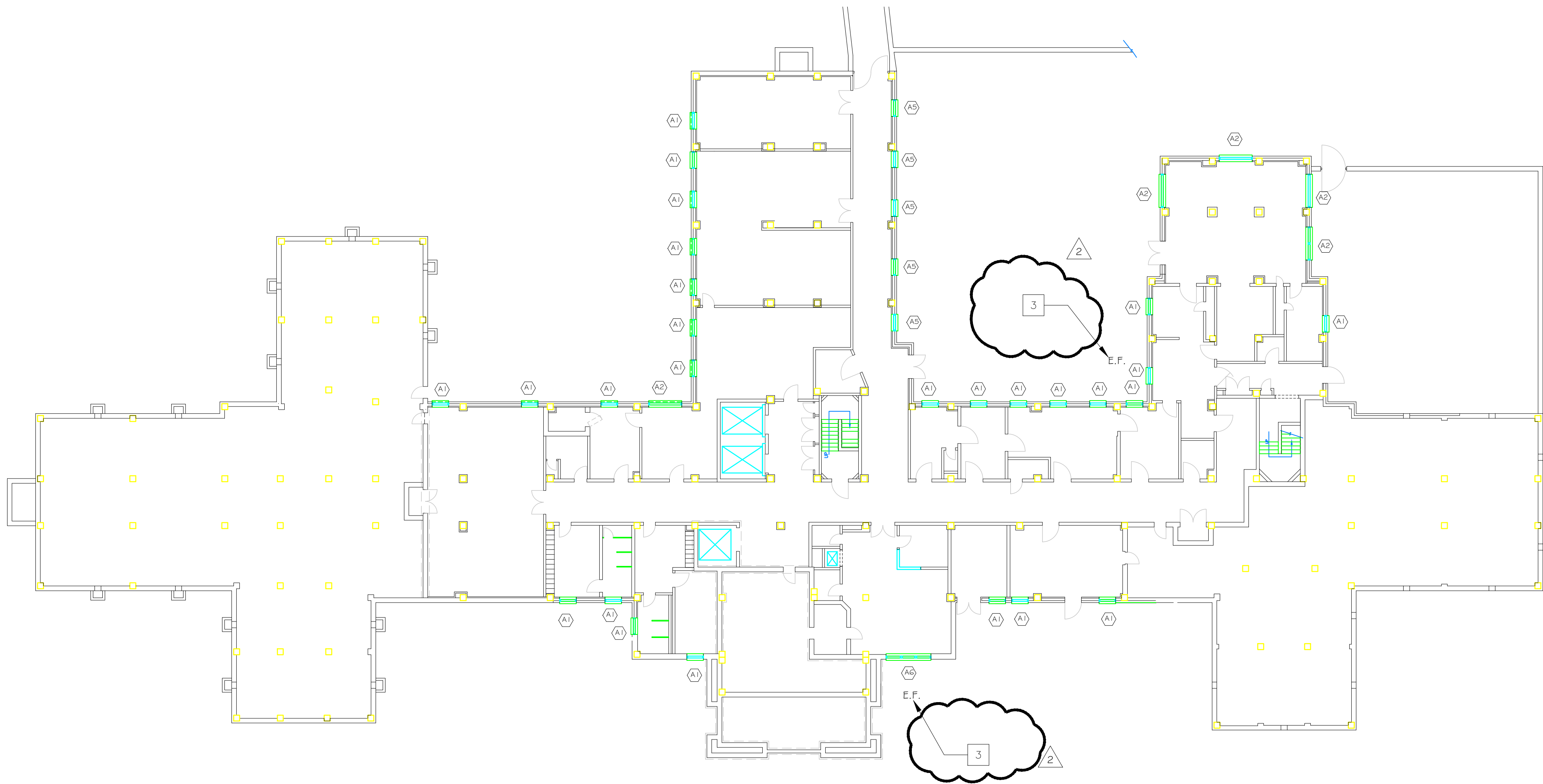
DWG. 1 OF 16

DEPARTMENT OF VETERANS AFFAIRS

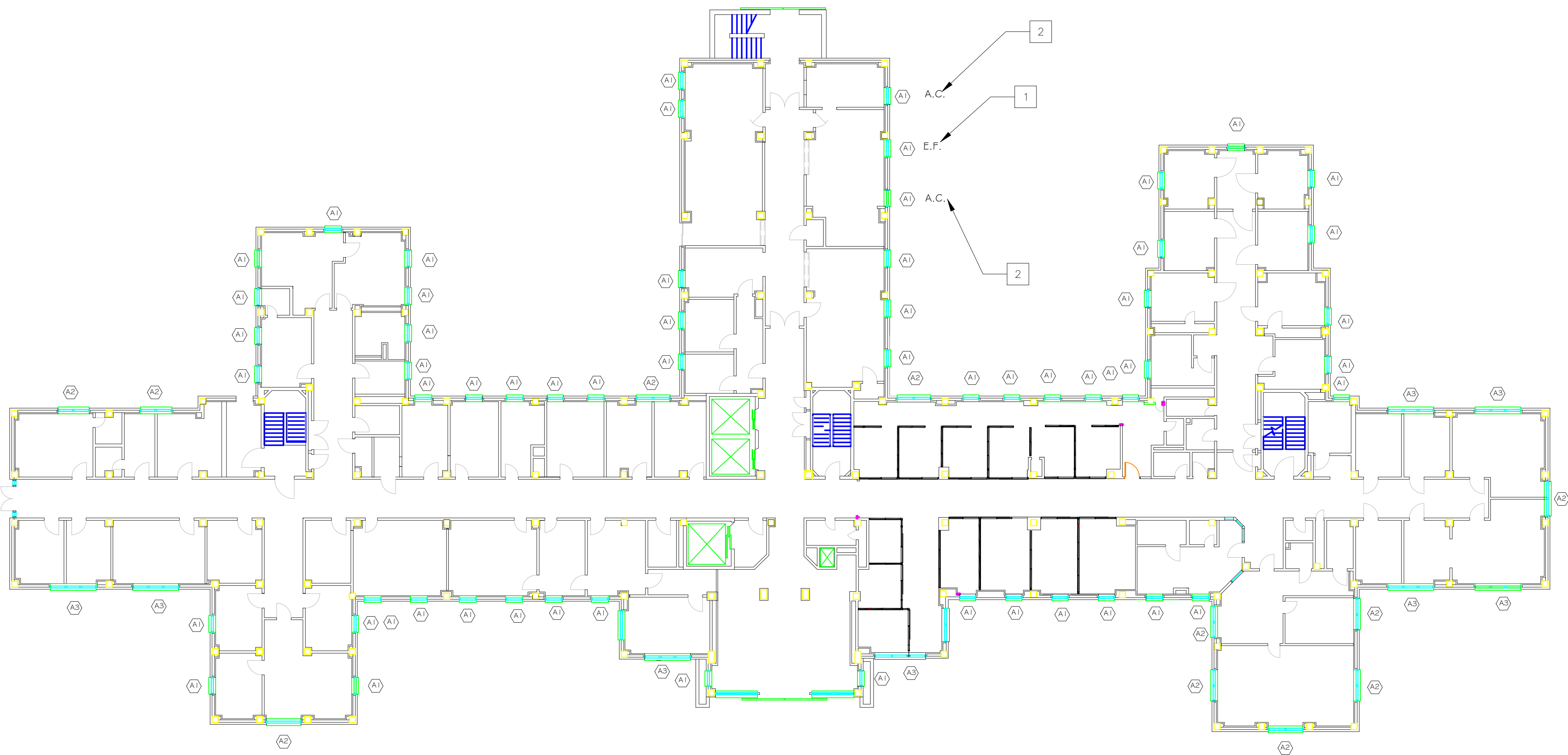
Department of Veterans Affairs

1:1

EA\Projects\1 FY 14\659-14-203 Replace Window Stationwide (In House)\Project Design Drawings\Replace Windows Station Wide Final Rev 3.dwg, Sheet 1 of 16, ARCH full bleed E1 (30.00 x 42.00 Inches),



BUILDING 3 GROUND FLOOR
1/16" = 1'-0"



BUILDING 3 1st FLOOR
1/16" = 1'-0"

- NOTES:
1. REMOVE AND REINSTALL EXISTING EXHAUST FAN. INSTALL NEW FAN ABOVE NEW WINDOW THROUGH THE EXISTING WALL WITH NEW DUCT WORK TO PIZZA OVEN INSIDE BUILDING. THIS INCLUDES ALL ELECTRICAL WIRING AND MASONRY WORK.
 2. THE VA IS TO REMOVE A/C UNITS PRIOR TO WINDOW REPLACEMENT.
 3. IN AREAS OF THE REMOVED WINDOW FAN, PROVIDE AND INSTALL NEW THROUGH WALL FAN LOCATED ABOVE NEW WINDOW THROUGH THE BRICK WALL. THE NEW FAN TO BE EQUAL OR BETTER THAN A BROAD 4" Ø EXHAUST FAN, 50-60 CFM, BACK DRAFT DAMPER, TIE NEW FAN INTO NEW METAL DUCT WORK AND ABOVE CEILING TILE AND THROUGH CEILING TILE WITH A NEW GRILL. TIE NEW FAN INTO THE EXISTING CIRCUIT.

LEGEND:
E.F. = EXHAUST FAN TO BE REMOVED AND REPLACED WITH BROAD FAN.
A.C. = WINDOW AIR CONDITIONER TO BE REMOVED.

INSULATION VALUES						
FPM AIRSEAL STANDARD 90.1.2010						
STATION	CLIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	DOOR MAX (OVERALL 1")	MAX 1" WINDOWS
SALISBURY (659)	3A	R20 G15 METAL R 13.1, R 13.1, ATTIC R30	R13, 7.5 G15 MASS R19, MASS R19 G15	R30 SLAB R15 FOR 2'4"	0.07	0.06
						0.25

3	ADDED NOTE REGARDING WORK HOURS	2-21-14
2	ADDED INSULATION VALUES & CHGD SYMBOL NUMBERS	2-5-14
Revision		Date

NOTES:
SEE SHEET 12 FOR WINDOW INFORMATION ON WINDOW SIZES.

GENERAL NOTES

WINDOW SYMBOLS ON THE FLOOR PLAN ARE KEYED TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGN INFORMATION IS BASED ON EFCO SERIES 450 TRIPLE GLAZED INSWING CASEMENT WINDOWS.

ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. COTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

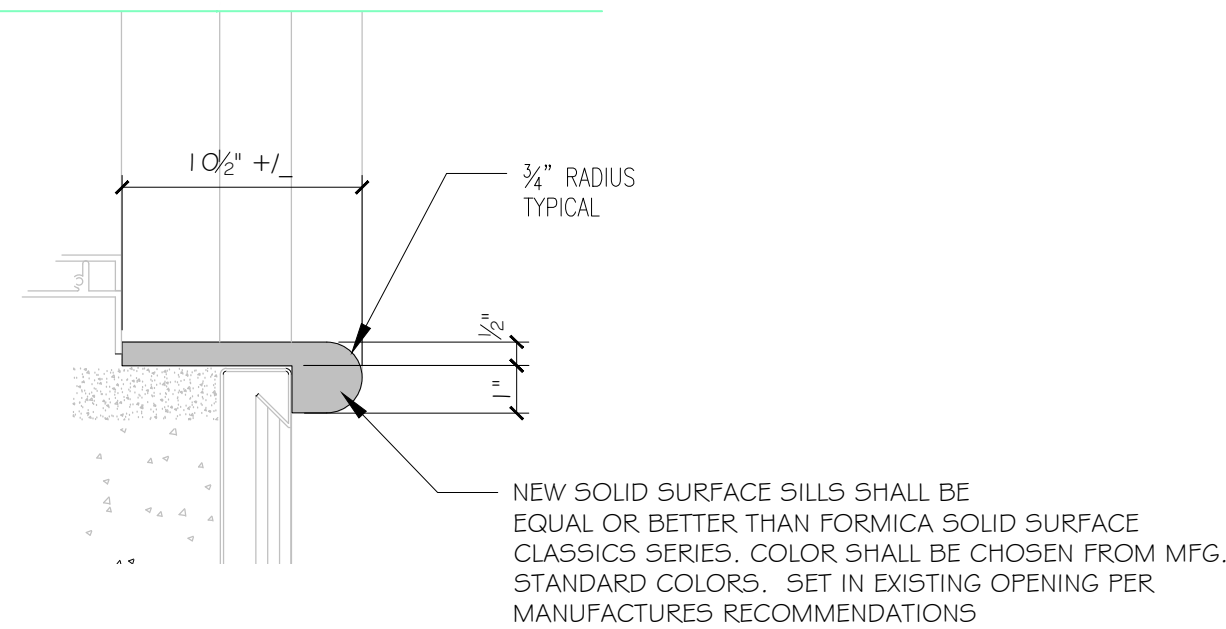
ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COTR FOR POSSIBLE DUMPSTER LOCATION. ALL WORK SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 3 IS OUTPATIENT CARE BUILDING WHICH WILL REQUIRE SCHEDULING THE ACCESS TO MANY SPACES. AFTER THE NOTICE TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

ALL WORK FOR BUILDING 3 SHALL BE COMPLETED AFTER HOURS OR ON WEEKENDS.



TYPICAL WINDOW SILL DETAIL FOR ALL BLDGS
N.T.S.



A/C AND EXHAUST FAN REPLACEMENT -
N.T.S.



A/C AND EXHAUST FAN REPLACEMENT -
N.T.S.



DOUBLE WINDOW
N.T.S.



TRIPLE WINDOW
N.T.S.



QUAD WINDOW
N.T.S.



EXHAUST FAN REPLACEMENT -
N.T.S.

ALL PICTURES ON THIS PAGE ARE FOR PAGES 2,3 AND 4

RECOMMEND APPROVAL

REQUESTER	Date	CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date		Date
APPROVAL BY:					
MEDICAL CENTER DIRECTOR					

Drawing Title	Project Title
BUILDING 3 GROUND AND 1st FLOOR PLANS	REPLACE WINDOWS STATION WIDE
Approved: Safety Manager/M&O Supervisor	Building Number B 3
Approved: Chief of Facilities Management Svr.	Checked
	Drown GLM

Location	W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144
----------	---

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	2R2
DWG. 2 OF 16	



Department of
Veterans Affairs

WINDOW SYMBOLS (C) ON THE FLOOR PLAN ARE KEPT TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DIS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGNATION OF THE WINDOW TYPE IS BASED ON THE FOLLOWING: 400 TRIPLE GLAZED INSULATED CASSETTE WINDOWS.

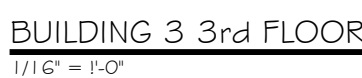
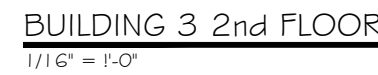
ALL FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR WINDOW VERIFICATION. ALL FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. CONTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH THE LOCAL AUTHORITY FOR DEBRIS REMOVAL. ALL DEBRIS SHALL BE COMPLETED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUSTAINABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 3 IS OUTPATIENT CARE BUILDING WHICH WILL REQUIRE SCHEDULING THE ACCESS TO MANY SPACES. AFTER THE NOTICE TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN THE NUMBER OF WINDOWS THAT CAN BE REPLACED IN A NORMAL WORK DAY. BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.



BUILDING 3 ELEVATION VIEW
N.T.S.

2	ADDED INSULATION VALUES CHART # DELETED NOTE	2-5-14
Revision		Date

INSULATION VALUES						
PER ASHRAE STANDARD NO. 1 2010						
STATION	CLIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	DOOR MAX (OVERALL U")	WINDOWS MAX "SHGC"
SALISBURY (659)	3A	R20 α METAL R13 + R13, ATTIC R30	R13, 7.5 α METAL R19; MASS 9.5 α	R30 SLAB R15 FOR 24"	0.07	0.06 0.25

RECOMMEND		APPROVAL	
REQUESTER	Date		
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY: MEDICAL CENTER DIRECTOR			Date

Drawing Title
BUILDING 3 2nd AND 3rd FLOOR PLAN
Approved: Safety Manager/M&O Supervisor
Approved: Chief of Facilities Management Svr.

Project Title		
REPLACE WINDOWS STATION WIDE		
Building Number B3	Checked	Drawn GLM
Location	W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144	

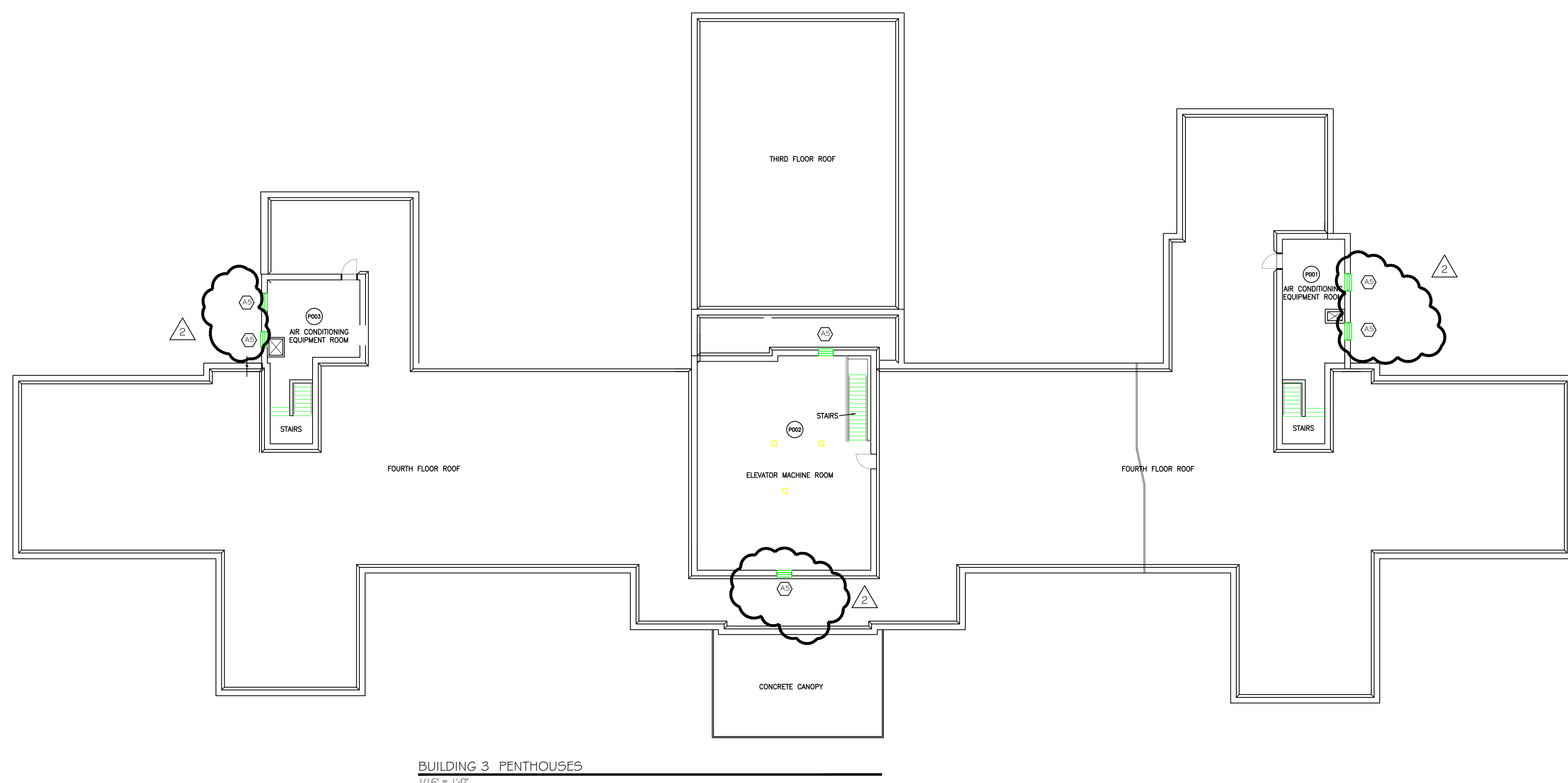
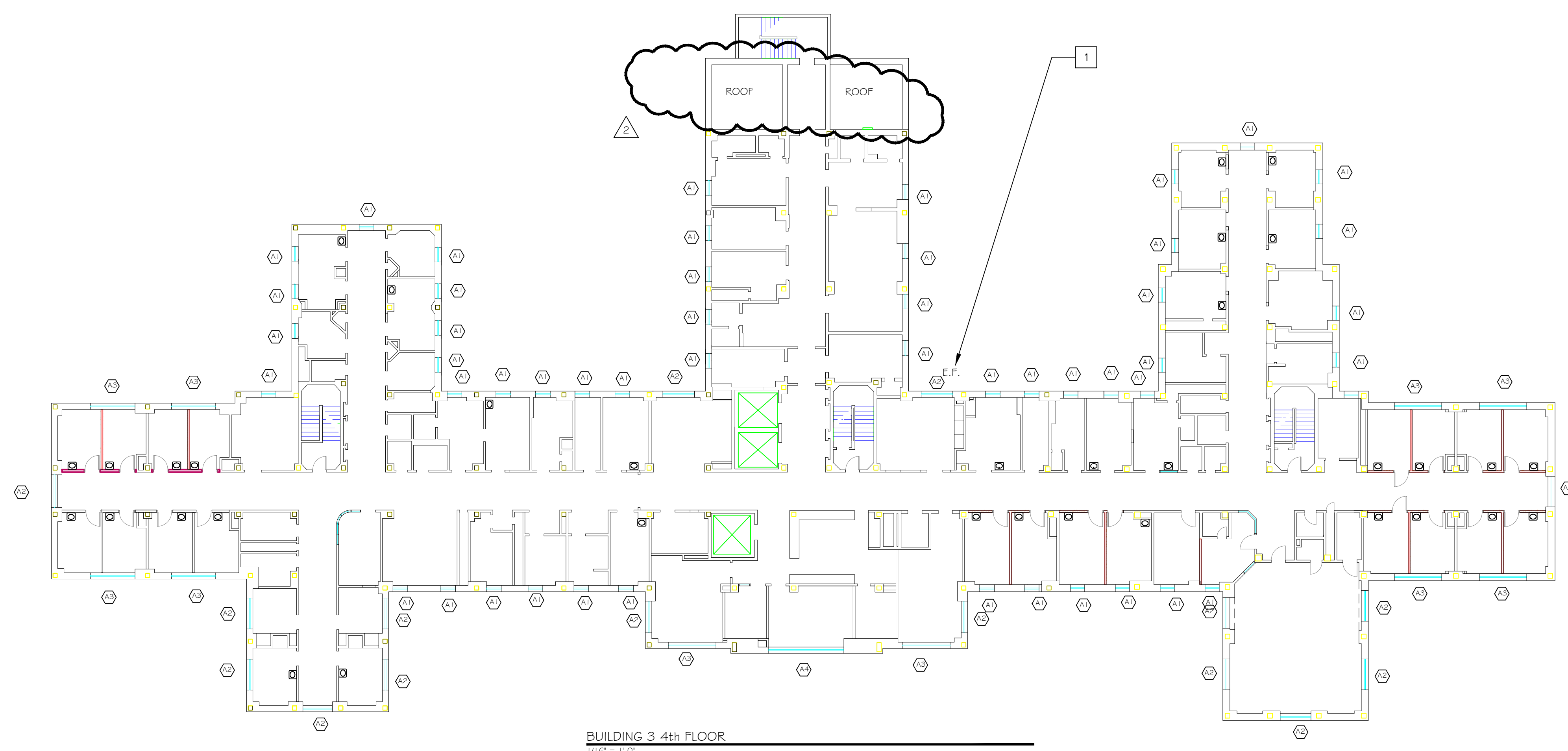
Date
15 OCTOBER 2013

Project No.
659-14-203


DRAWING NO.
3R2

DWG. 3 OF 16

Department of
Veterans Affairs



GENERAL NOTES

WINDOW SYMBOLS  ON THE FLOOR PLAN ARE KEPT TO THE TYPICAL SPECIFICATIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGN WAS ON INFORMATION BASED ON EFCC SERIES 450 TRIPLE GLAZED INSERVING CASEMENT WINDOWS.

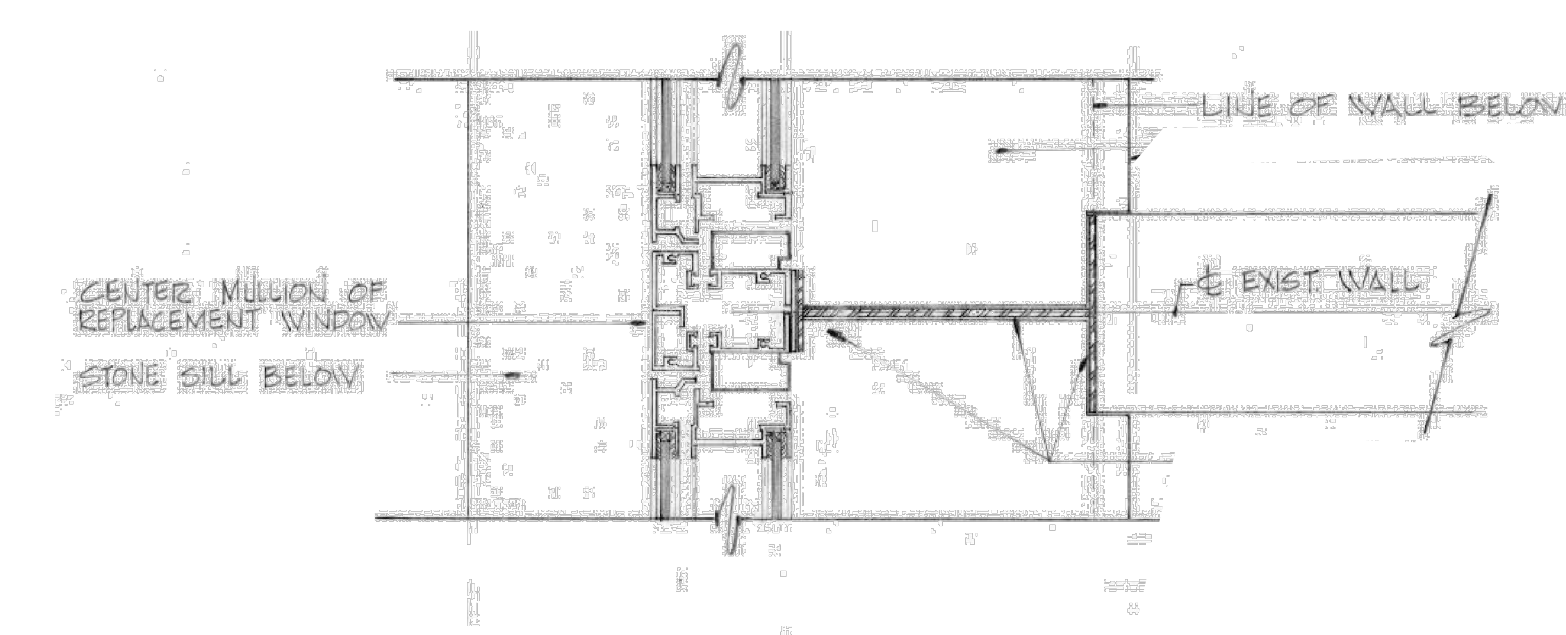
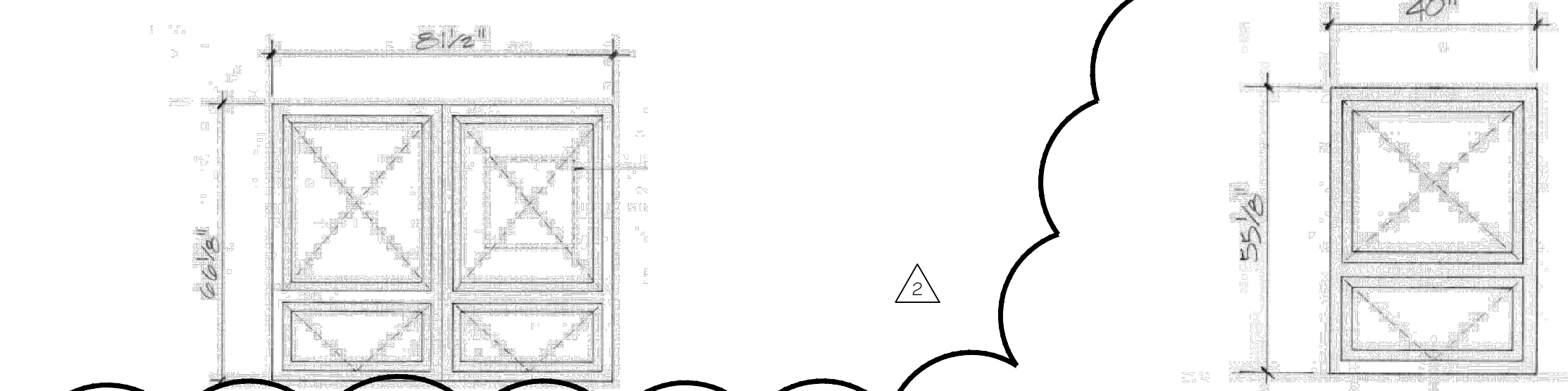
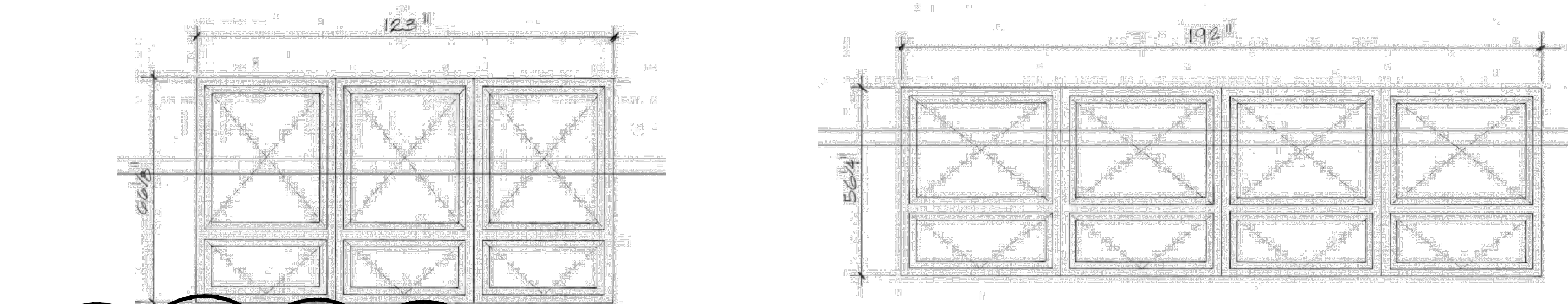
ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIRS. CONTRACTOR'S RESPONSIBILITY FOR REPAIRS OF EXISTING FINISHES SHALL BE LIMITED TO THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. CONTRACTOR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COR FOR POSSIBLE JUMPING OFF SITE. ALL DEBRIS SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 3 IS OUTPATIENT CARE BUILDING WHICH WILL REQUIRE SCHEDULING THE ACCESS TO MANY SPACES. AFTER THE NOTICE TO PROCEED IS ISSUED FOR THIS CONTRACT AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED AND REPLACED IN BUILDING 3 THAN THE NUMBER OF WINDOWS THAT CAN BE OCCUPIED ALL DAY AND THE CONTRACTOR MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.



NOTES:
1. REMOVE AND REPLACE EXISTING EXHAUST FAN. IN AREAS OF THE REMOVED WINDOW FAN, PROVIDE AND INSTALL NEW THROUGH WALL FAN LOCATED ABOVE NEW WINDOW THROUGH THE BRICK WALL. THE NEW FAN TO BE EQUAL OR BETTER THAN A BROAN 4" Ø EXHAUST FAN, 80 CFM, BACK DRAFT DAMPER. TIE NEW FAN INTO NEW METAL DUCT WORK AND ABOVE CEILING TILE AND THROUGH CEILING TILE WITH A NEW RETURN GRILL.

INSULATION VALUES							
PER ASHRAE STANDARD 90.1 2010							
STATION	CIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	DOOR MAX (OVERALL U")	WINDOWS MAX U" (SICG)	
SALISBURY (G59)	3A	R20 G; METAL R13 + R13,	R13, 7.5 G; METAL R9;	R30 SLAB R15 FOR 24"	0.07	0.06	0.25

GENERAL NOTES

WINDOW SYMBOLS ○ ON THE FLOOR PLAN ARE KEYED TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGN INFORMATION IS BASED ON EFCO SERIES 450 TRIPLE GLAZED INSULATED CASSEMENT WINDOWS.

ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. COTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COTR FOR POSSIBLE DUMPSTER LOCATION. ALL WORK SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

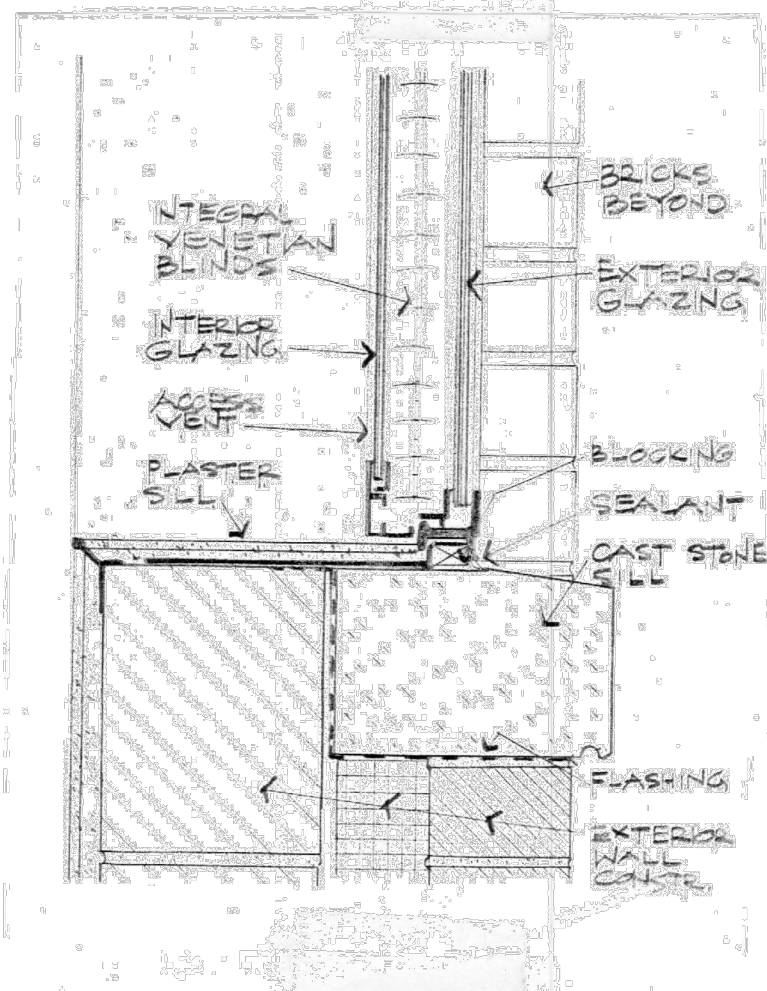
ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 4 IS A MENTAL HEALTH BUILDING WHICH HOUSES BOTH INPATIENT AND OUTPATIENTS. EXTREME CARE IS TO BE TAKEN WHEN WORKING IN THIS BUILDING. ALL TOOLS ARE TO BE KEPT LOCKED UP AND WITHIN HANDS REACH AT ALL TIMES. TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

THE FIRST, SECOND, THIRD AND FOURTH FLOOR ARE TO HAVE WINDOW THAT MEET THE MENTAL HEALTH REQUIREMENT OF THE SPECIFICATIONS. SECTIONS 08 80 00 0851 1.3.1.1. THESE INTERIOR WINDOWS REQUIRE LAMINATE GLAZING.

NOTES:
SEE SHEET 12 FOR WINDOW INFORMATION ON WINDOW SIZES.



EXISTING WINDOW SILL DETAIL
N.T.S.



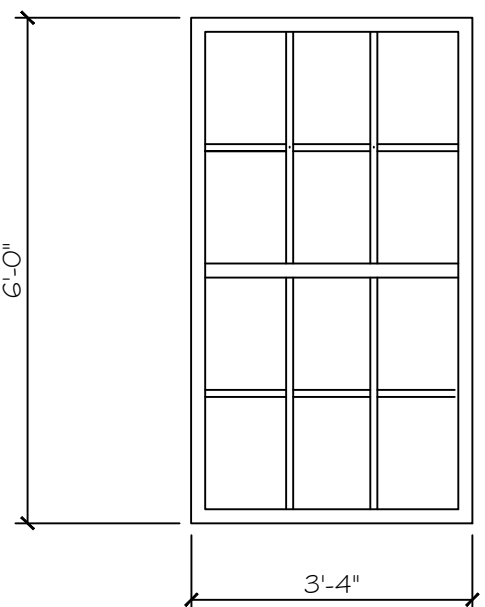
SHOWING GROUND FLOOR TO 4TH FLOOR



TYPICAL B4 WINDOWS



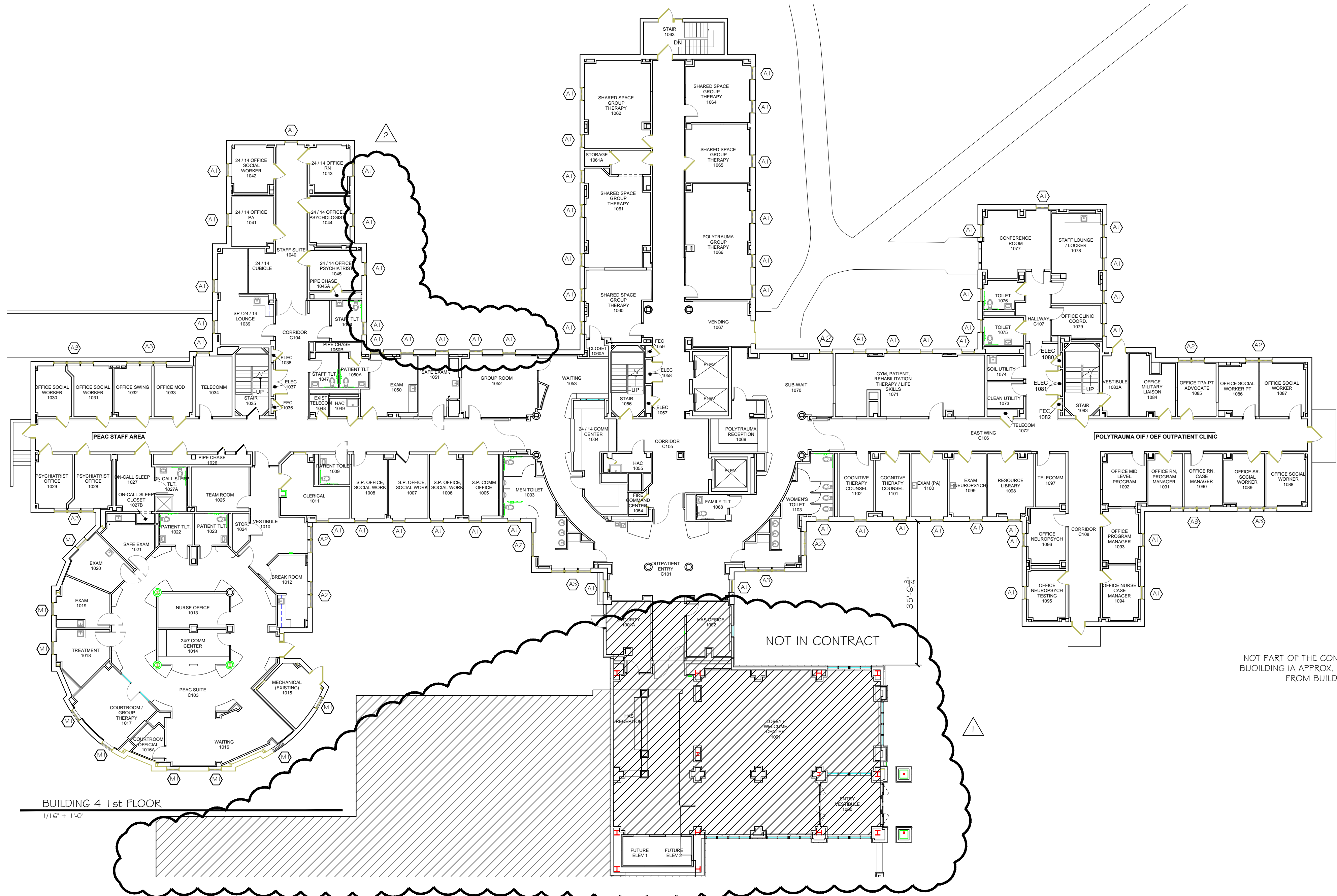
NOT PART OF THE CONTRACT
BUILDING 1A APPROX. 30' ± FROM BUILDING 4



MI WINDOW
N.T.S.



BUILDING 4 GROUND FLOOR
1/16" = 1'-0"



BUILDING 4 1st FLOOR
1/16" = 1'-0"

- NOTES:
1. REMOVE AND DISPOSE EXISTING EXHAUST FAN LOCATED IN WINDOWS. INSTALL NEW FAN ABOVE NEW WINDOW THROUGH THE EXISTING WALL WITH NEW DUCT WORK TO PIZZA OVEN INSIDE BUILDING. THIS INCLUDES ALL ELECTRICAL WIRING AND MASONRY WORK.
 2. REMOVE EXISTING AIR CONDITIONING UNITS AND TURN OVER TO VA. AFTER REMOVAL.
 3. IN AREAS OF THE REMOVED WINDOW FAN, PROVIDE AND INSTALL NEW THROUGH WALL FAN LOCATED ABOVE NEW WINDOW THROUGH THE BRICK WALL. THE NEW FAN TO BE EQUAL OR BETTER THAN A BROAD 4" Ø EXHAUST FAN, 50-80 CFM, BACK DRAFT DAMPER, TIE NEW FAN INTO NEW METAL DUCT WORK AND ABOVE CEILING TILE AND THROUGH CEILING TILE WITH A NEW GRILL. THE NEW FAN INTO THE EXISTING CIRCUIT.

STATION		CLIMATE ZONE		INSULATION VALUES		GLAZING VALUES (U-Factor)	
STATION	CLIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	GLAZING U-FACTOR	GLAZING SHADING COEFFICIENT	GLAZING SOLAR HEAT REJECTION COEFFICIENT
1000	3A	R-12	R-12	R-10	0.25	0.25	0.25

Revision	Date	Notes
3	2-28-14	ADDED NOTE REGARDING MENTAL HEALTH WINDOWS
2	2-4-14	ADDED WINDOW TAGS
1	1-2-2-13	ADDED NOTE

RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF STAFF	Date
CHIEF OF SERVICE	Date	ASSOC. DIR. for OPERATIONS	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	APPROVAL BY:	Date
		MEDICAL CENTER DIRECTOR	

Drawing Title	Project Title
BUILDING 4 GROUND AND 1st FLOOR PLANS	REPLACE WINDOWS STATION WIDE
Approved: Safety Manager/M&O Supervisor	Building Number B 4
Approved: Chief of Facilities Management Sv.	Checked
	Drawn GLM

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	5R3
DWG. 5 OF 16	



Department of Veterans Affairs



GENERAL NOTES

BUILDING 4 IS A MENTAL HEALTH BUILDING, WHICH HOUSES BOTH INPATIENT AND OUTPATIENTS. EXTREME CARE IS TO BE TAKEN WHEN WORKING IN THIS BUILDING. ALL TOOLS ARE TO BE KEPT LOCKED UP AND WITHIN HANDS REACH AT ALL TIMES. TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

NOTES:
SEE SHEET 12 FOR WINDOW INFORMATION ON WINDOW SIZES.

3	ADDED NOTE	2-28-14
2	REVISE WINDOW TAG FROM A4 TO A5	2-4-14
Revision		Date

RECOMMEND APPROVAL			
REQUESTER	Date		
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:			Date
MEDICAL CENTER DIRECTOR			

	Drawing Title
	BUILDING 4 4th AND PENTHOUSE PLAN
	Approved: Safety Manager/M&O Supervisor
	Approved: Chief of Facilities Management Svr.

Project Title		
REPLACE WINDOWS STATION WIDE		
Building Number B-4	Checked	Drawn GLM
Location W.G.(Bill) Hafner Medical Center 1601 Brenner Ave. Salisbury NC 28144		

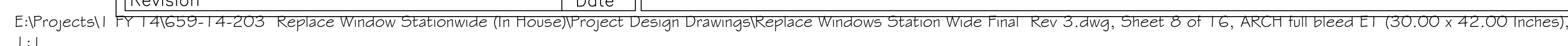
Date
15 OCTOBER 2013

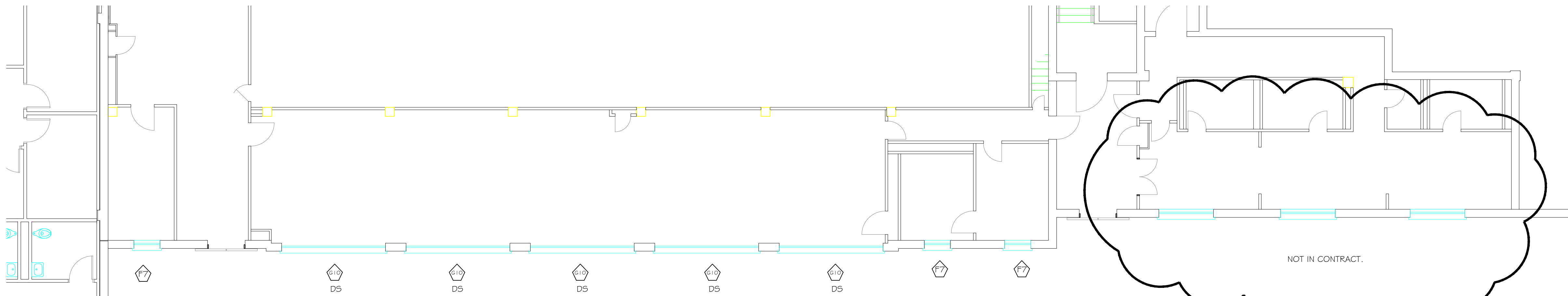
Project No.
659-14-203

DRAWING NO.
7R3
DWG. 7 OF 16

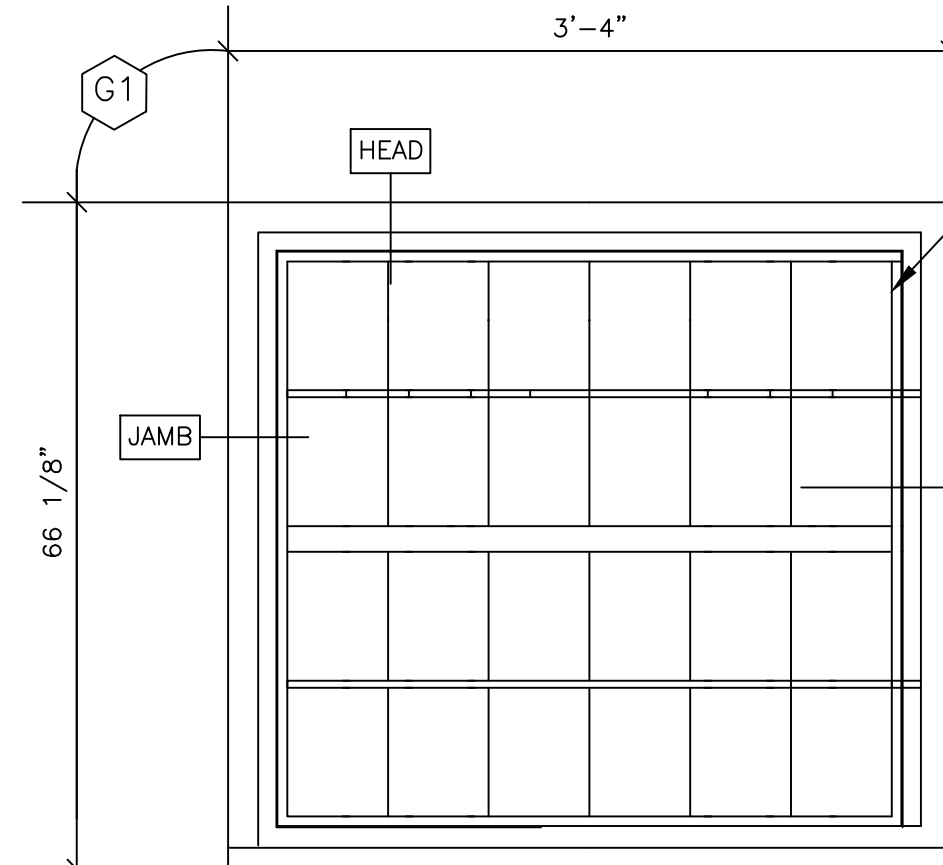
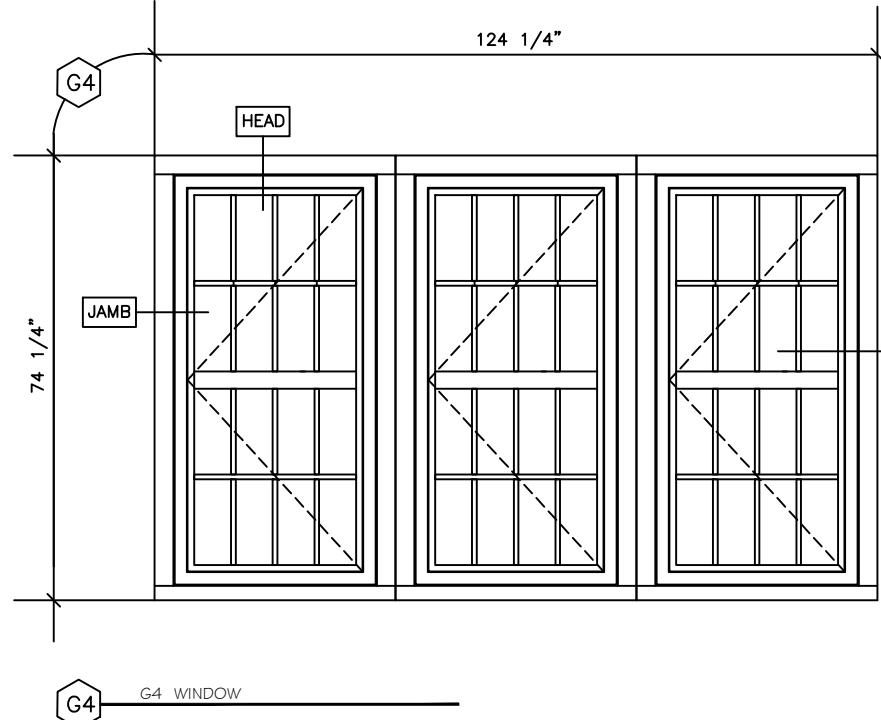
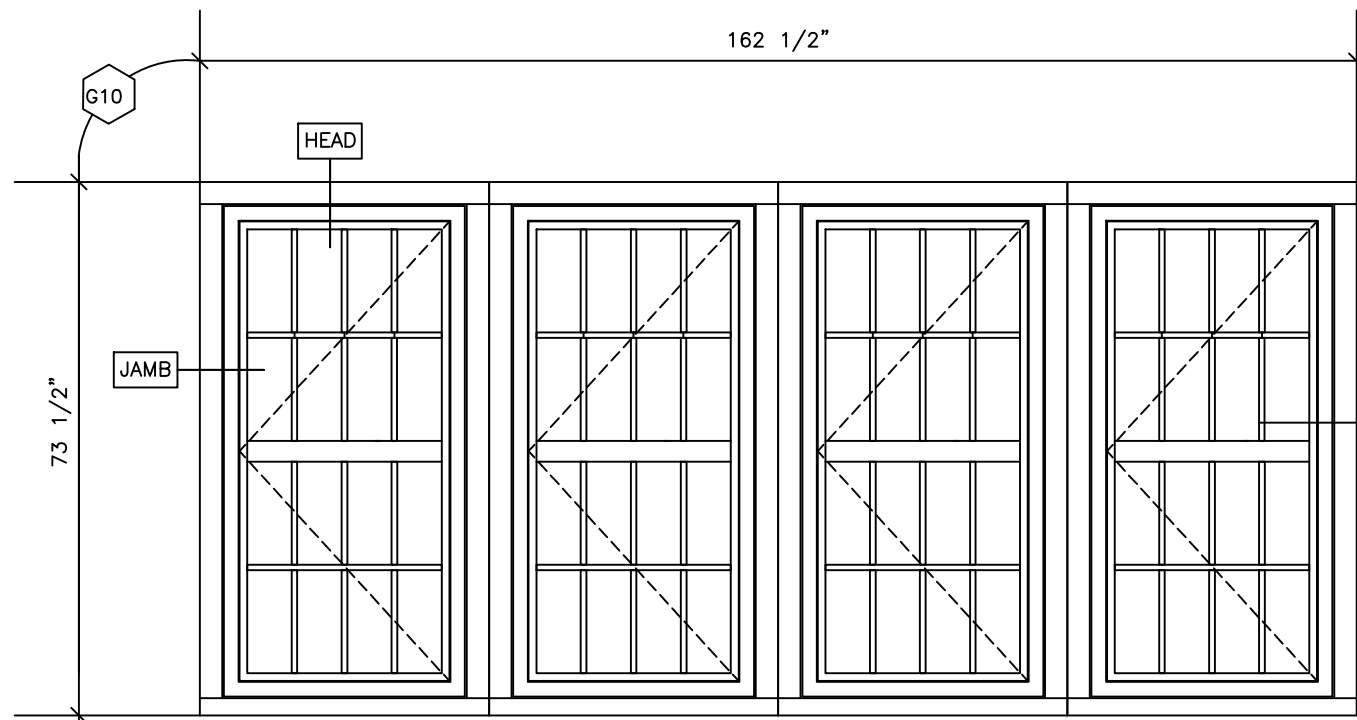


Veterans Affairs





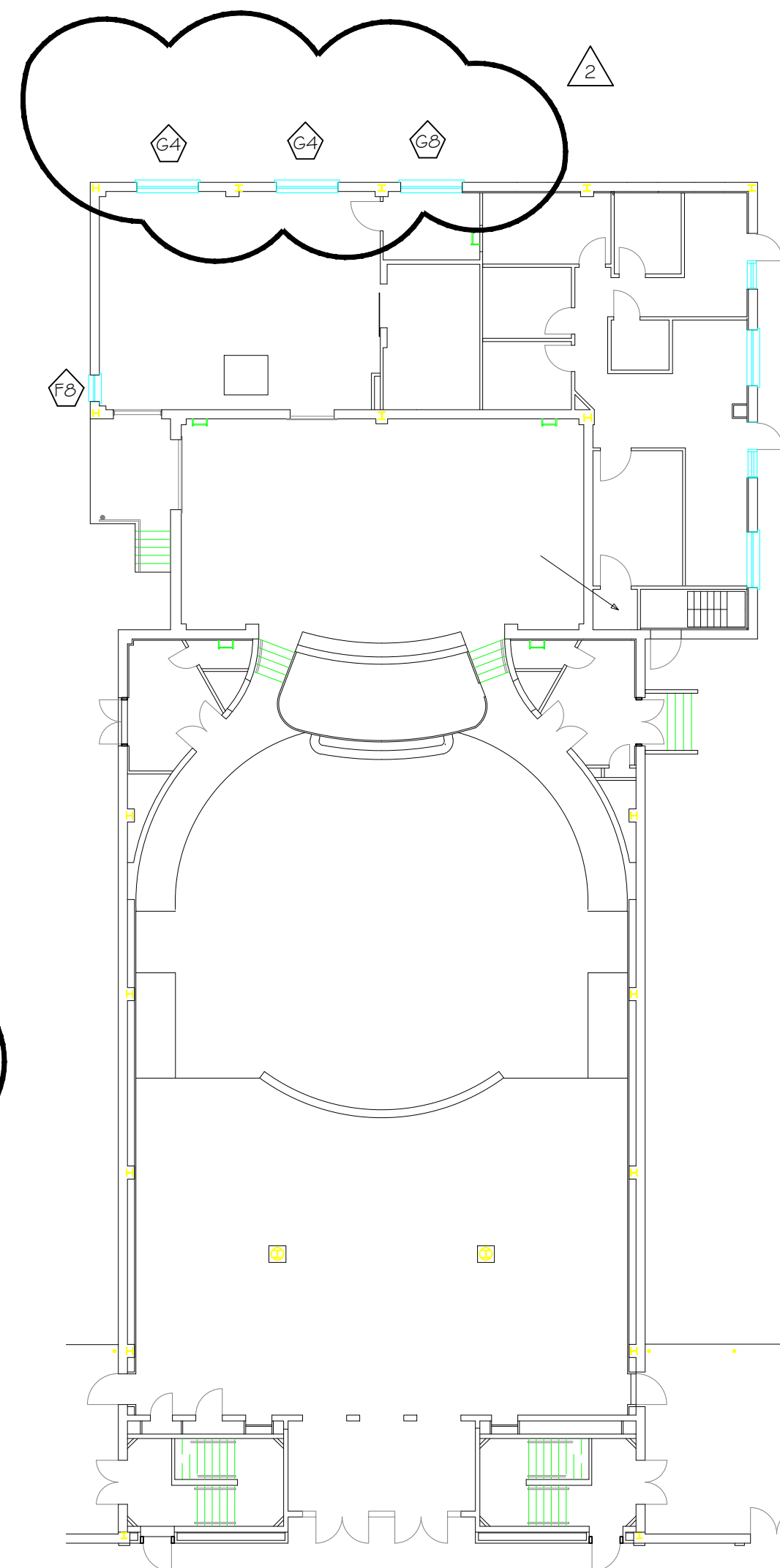
BUILDING 6 GROUND FLOOR WEST SIDE
1/16" = 1'-0"



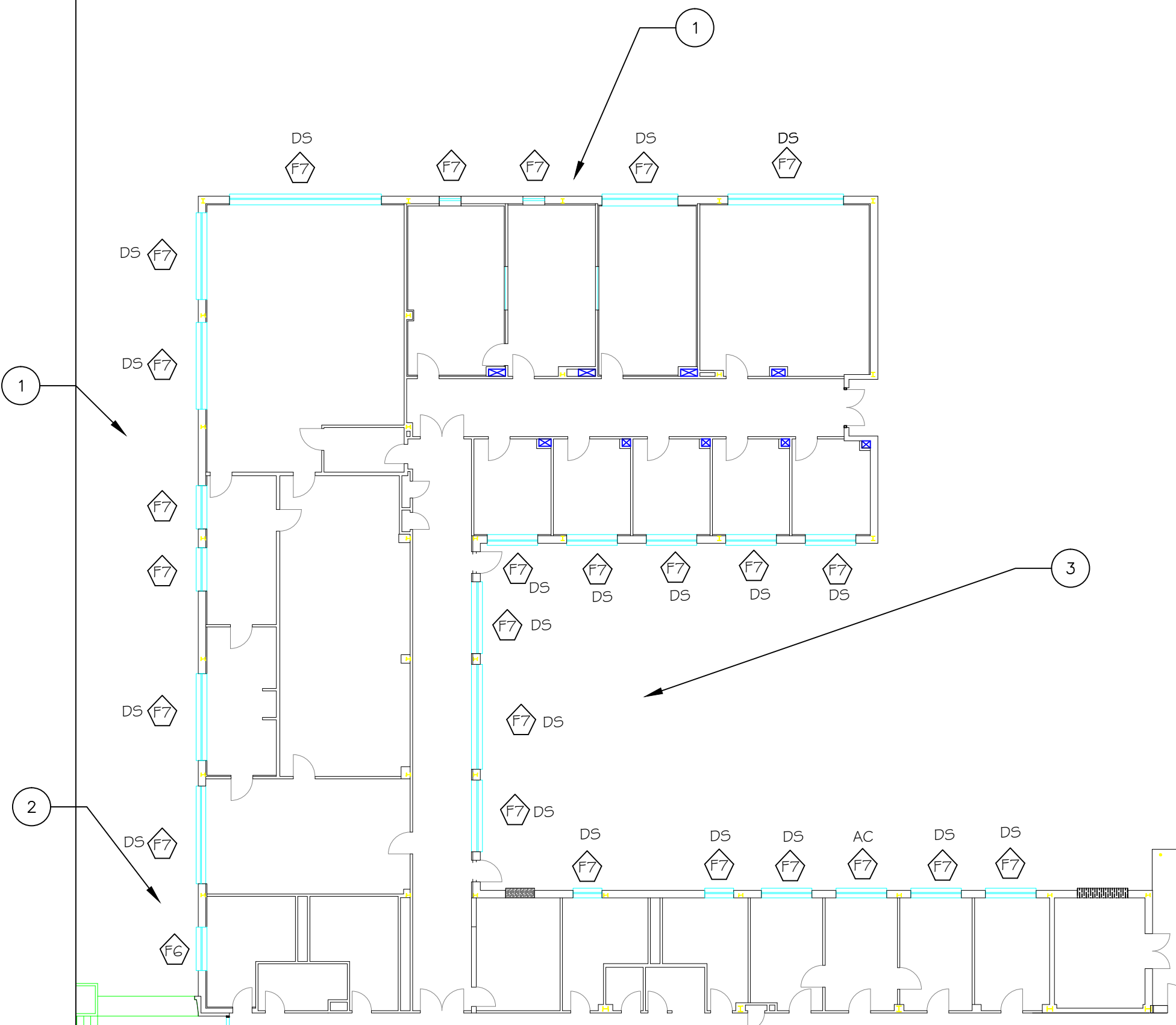
NEW TRIPLE GLAZED FIXED WINDOW WITH MUNTIN

G1 G1 FIXED WINDOW WITH TRIPLE GLAZING

- NOTES:
1. REMOVE EXISTING SECURITY SCREENS AND INSTALL NEW SECURITY SCREENS BY KANE OR EQUAL.
 2. SEE SHEET 15 FOR INFORMATION ON WINDOW SIZES FOR THE "1" STYLE WINDOWS.
 3. ALL WINDOWS THAT HAVE "DS" ARE TO HAVE THE DETENTION SCREEN REMOVED AND ALL ASSOCIATED MATERIALS INCLUDING METAL SCREEN FRAME.
 4. PATCH ALL DAMAGE CREATED BACK TO ORIGINAL CONDITION.
 5. THE "DS" STANDS FOR DETENTION SCREENS AND REQUIRES THE REMOVAL AND DISPOSAL.
 6. THE "NDS" STANDS FOR PROVIDING AND INSTALLATION OF NEW SECURITY SCREENS BY KANE OR EQUAL. NEW SCREENS ARE TO HAVE NEW MORTISED LOCKING SYSTEM COMPLETE WITH A 7" FIN FIGURE 8 CYLINDER INSTALLED. VA WILL PROVIDE CORE.



BUILDING 6 1st FLOOR EAST SIDE
1/16" = 1'-0"



BUILDING 6 1st FLOOR NORTHEAST SIDE
1/16" = 1'-0"



GENERAL NOTES

WINDOW SYMBOLS  ON THE FLOOR PLAN ARE KEYED TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGN INFORMATION BASED ON EFCO SERIES 450 TRIPLE GLAZED INSURING CASEMENT WINDOWS.

ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. COTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COTR FOR POSSIBLE DUMPSTER LOCATION. ALL WORK SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 6 IS A LIBRARY, REC THERAPY, SOCIAL BUILDING, POLICE AND MEDICAL RECORDS WHICH WILL REQUIRE SCHEDULING THE ACCESS TO MANY SPACES. AFTER THE NOTICE TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 6 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

ALL WINDOWS WITH THE "DS" LOCATED AT WINDOW SYMBOL, REMOVE AND DISPOSE OF THE DETENTION SCREENS UNLESS NOTED ON DRAWING.

ALL WINDOWS WITH THE "NDS" LOCATED AT WINDOW SYMBOL INDICATES TO PROVIDE AND INSTALL NEW SECURITY SCREENS BY KANE OR EQUAL.

INSULATION VALUES							SEE AIA/ASHRAE STANDARD 90.1-2010	
STATION	CLIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	FLOOR MAX COVERALL U/F	MIN 1/2" WINDOWS	MAX 1/2" WINDOWS	MAX 1/2" WINDOWS
SALISBURY (659)	3A	R20 G1 METAL R 13.7 R 13.7 ATTIC R5.0	R13.7 R 13.7 METAL R 13.7 MASS R 13.7	R30 SLAB R 15 FOR 24"	0.07	0.06	0.25	

3	ADDED SYMBOL FOR NEW SECURITY SCREENS	2-28-14
Revision	Date	

RECOMMEND APPROVAL			
REQUESTER	Date	CHIEF OF SERVICE	Date
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title	Project Title
BUILDING 6 WINDOW LOCATIONS FOR REPLACEMENT	REPLACE WINDOWS STATION WIDE
Approved: Safety Manager/M&O Supervisor	Building Number 66
Approved: Chief of Facilities Management Svr.	Checked
	Drawn GLM

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	9R3
DWG. 9 OF 16	



Department of Veterans Affairs



WINDOW SYMBOLS ON THE FLOOR PLAN ARE KEYED TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

THE DESIGN INFORMATION BASED ON EFCO SERIES 450 TRIPLE GLAZED INSWING CASEMENT WINDOWS.

ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. COTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY.

ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COTR FOR POSSIBLE DUMPER LOCATION. ALL WORK SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

BUILDING 12 IS THE POLICE OFFICE AND WILL INVOLVE ONLY THE SECOND FLOOR. AFTER THE NOTICE TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. MOST AREAS OF BUILDING 12 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

BUILDING 14W IS ANOTHER POLICE BUILDING
ALL TOOLS ARE TO BE KEPT LOCKED UP AND WITHIN HANDS REACH AT ALL TIMES.
TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF
WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED
THAN CAN BE REPLACED IN A NORMAL WORK DAY. MOST AREAS OF BUILDING ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST
MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

NEW WINDOWS ARE TO MATCH EXISTING WINDOW IN BUILDING 14 EAST.

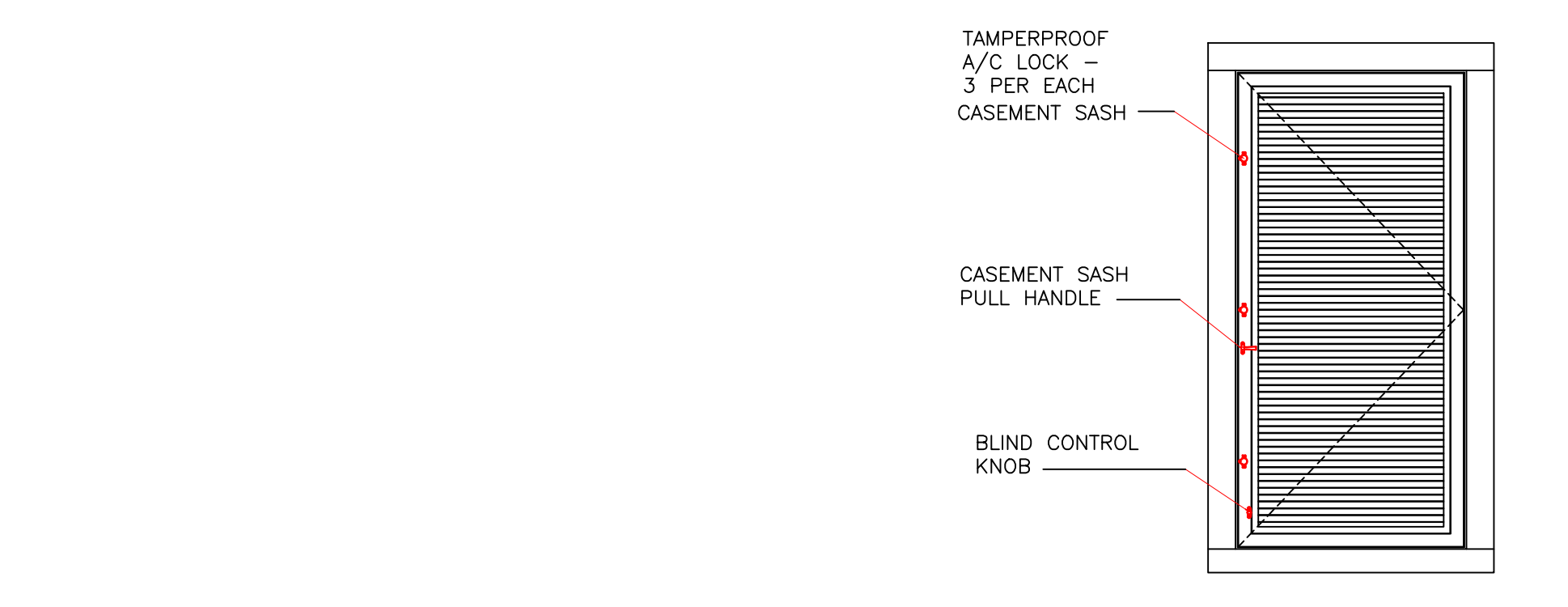
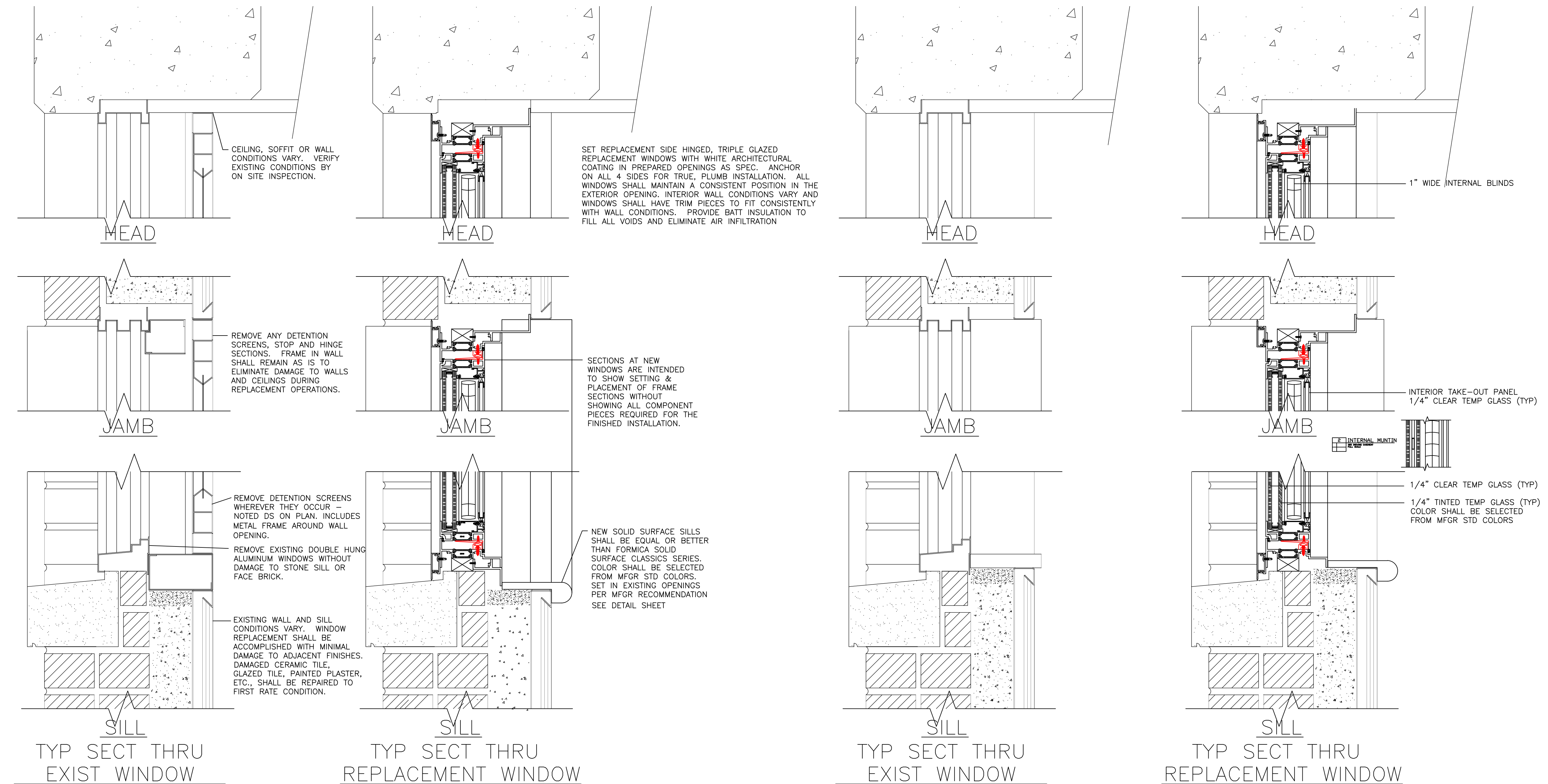


PT 14\659-14-203 Replace Window Stationwide (In House)\Project Design Drawings\Replace Windows Station Wide Final Rev 3.dwg, Sheet 10 of 16, ARCH full bleed ET (30.00 x 42.00 Inches),

	Drawing Title
5	BUILDING 12 & 14W 1st AND 2nd FLOOR PLANS
9	Approved: Safety Manager/M&O Supervisor
2	Approved: Chief of Facilities Management Svr.

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	1 OR 2
DWG. 10 OF 16	





TYPICAL INTERIOR ELEVATION

ALL WINDOW DETAILS ARE BASED ON EFCO SERIES 450 INSWING CASEMENT HIGH PERFORMANCE THERMAL WINDOWS. THIS WINDOW SELECTION IS USED AS THE DESIGN BASIS AND IS NOT INTENDED TO LIMIT COMPETITION. WINDOW MANUFACTURER SHALL BE EQUAL OR BETTER THAN THE SPECIFICATION REQUIREMENTS.

FINISH SHALL BE WHITE ARCHITECTURAL COATING AS SPECIFIED.

PROVIDE ALUMINUM BUTT HINGES AT THE CASEMENT SASH. EQUIP EACH WINDOW WITH 3 EACH TAMPERPROOF WHITE BRONZE A/C LOCKS WHITE BRONZE SASH PULL HANDLE AND KEY RELEASE LIMIT OPENING ARMS.

GLAZING SHALL BE 1" INSULATED EXTERIOR WITH 1/4" CLEAR TEMP AT OUTSIDE, 1/4" TINTED TEMP AT INSIDE WITH LOW EMISSIVITY PYROLYTIC COATING HAVING AN "E" OF 0.15 AND ARGON FILLED AIR SPACE. SEE ALSO SPECIFICATIONS. INTERIOR TAKE-OUT PANEL SHALL BE 1/4" CLEAR TEMPERED GLASS.

PROVIDE BLINDS WITH 1" SLATS BETWEEN THE EXTERIOR INSULATED GLASS AND THE INTERIOR TAKE-OUT PANEL

GENERAL NOTES

WINDOW SYMBOLS: ON THE FLOOR PLAN ARE KEYED TO THE TYPICAL SECTIONS. CONTRACTOR SHALL VERIFY ALL WINDOW DIMENSIONS AND QUANTITIES. DS DESIGNATION IS FOR WINDOWS EQUIPPED WITH DETENTION SCREENS.

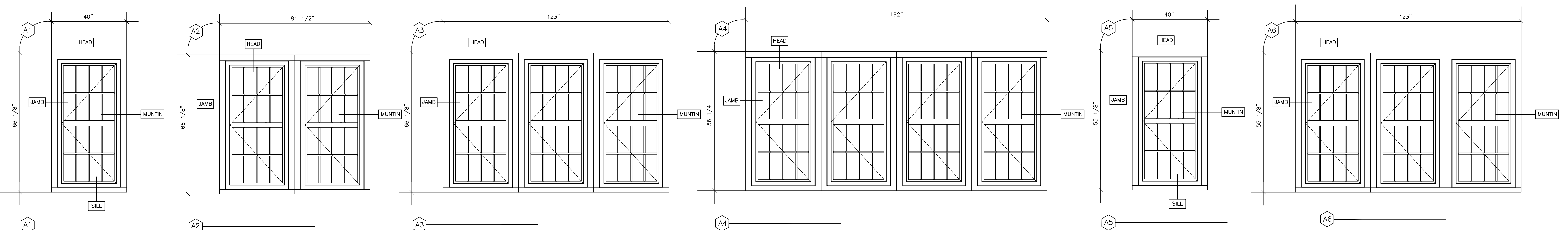
SEE THE DETAIL AT RIGHT FOR WINDOW INFORMATION BASED ON EFCO SERIES 450 TRIPLE GLAZED INSWING CASEMENT WINDOWS. ROOM FINISHES VARY. WINDOW CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ROOM FINISHES AND REPAIR OF ALL SURFACES RESULTING FROM THE REPLACEMENT OPERATIONS. A SITE SURVEY WILL BE CONDUCTED AT THE BEGINNING OF THIS CONTRACT TO DOCUMENT EXISTING CONDITIONS. COTR SHALL BE NOTIFIED OF ANY CONDITION CHANGES AFTER THE SITE SURVEY. ANY DEBRIS INSIDE ROOMS, ON THE GROUNDS, SIDEWALKS, ETC., SHALL BE REMOVED AT THE END OF EACH DAY. COORDINATE WITH COTR FOR POSSIBLE DUMPSTER LOCATION. ALL WORK SHALL BE ACCOMPLISHED DURING NORMAL DUTY HOURS 8 AM TO 4:30 PM OR AS APPROVED BY COTR AND CONTRACTING OFFICER.

ALL SAFETY REGULATIONS OF THIS STATION SHALL BE OBSERVED.

SALISBURY VAMC WILL NOT PROVIDE STORAGE FOR WINDOWS OR EQUIPMENT. THE WINDOW CONTRACTOR SHALL PROVIDE TRAILER OR OTHER SUITABLE STORAGE FACILITY FOR WINDOWS. STORAGE TRAILER MAY BE PARKED IN SPACE AVAILABLE BEHIND THE WAREHOUSE OR AS APPROVED BY COTR OR CONTRACTING OFFICER.

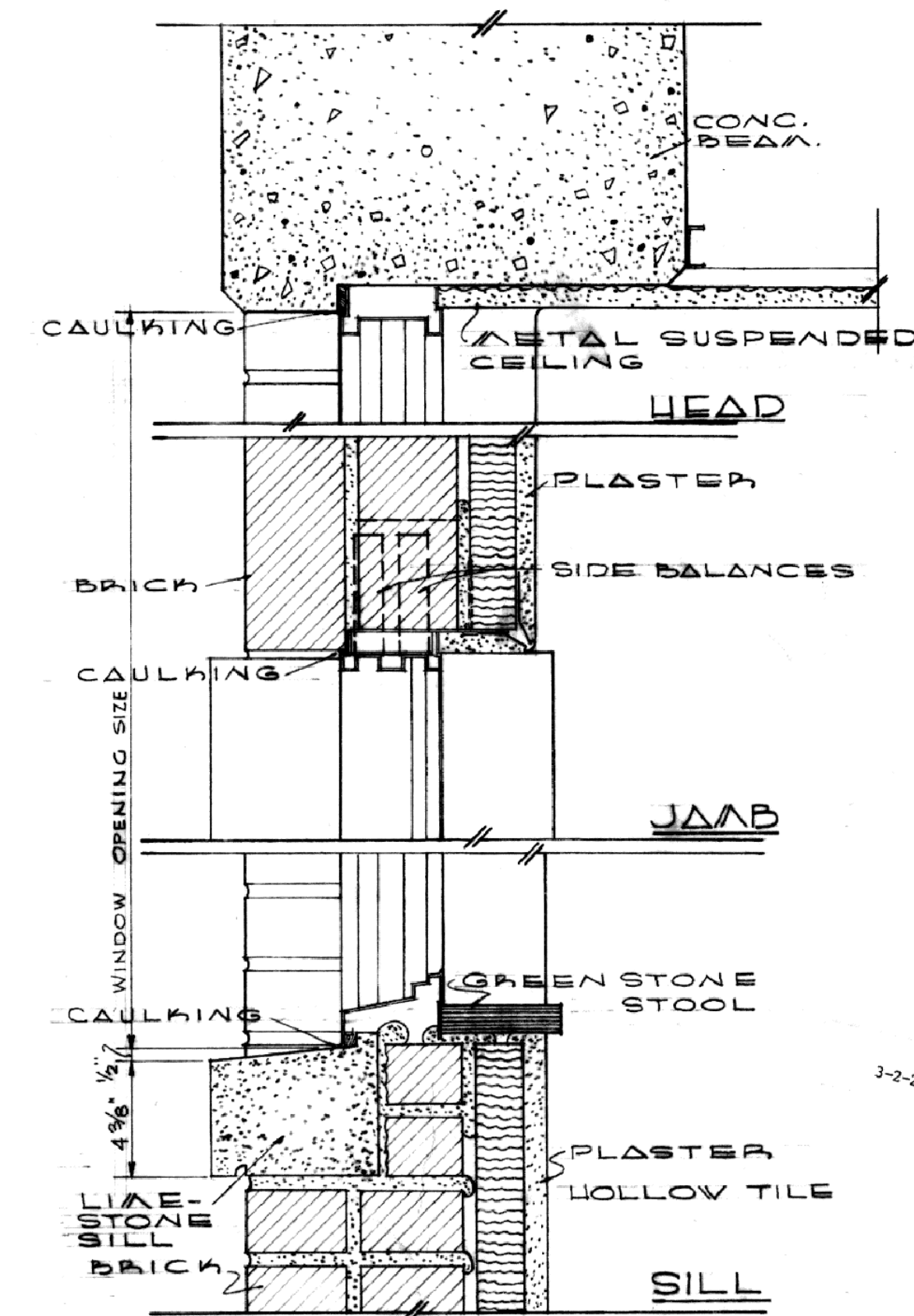
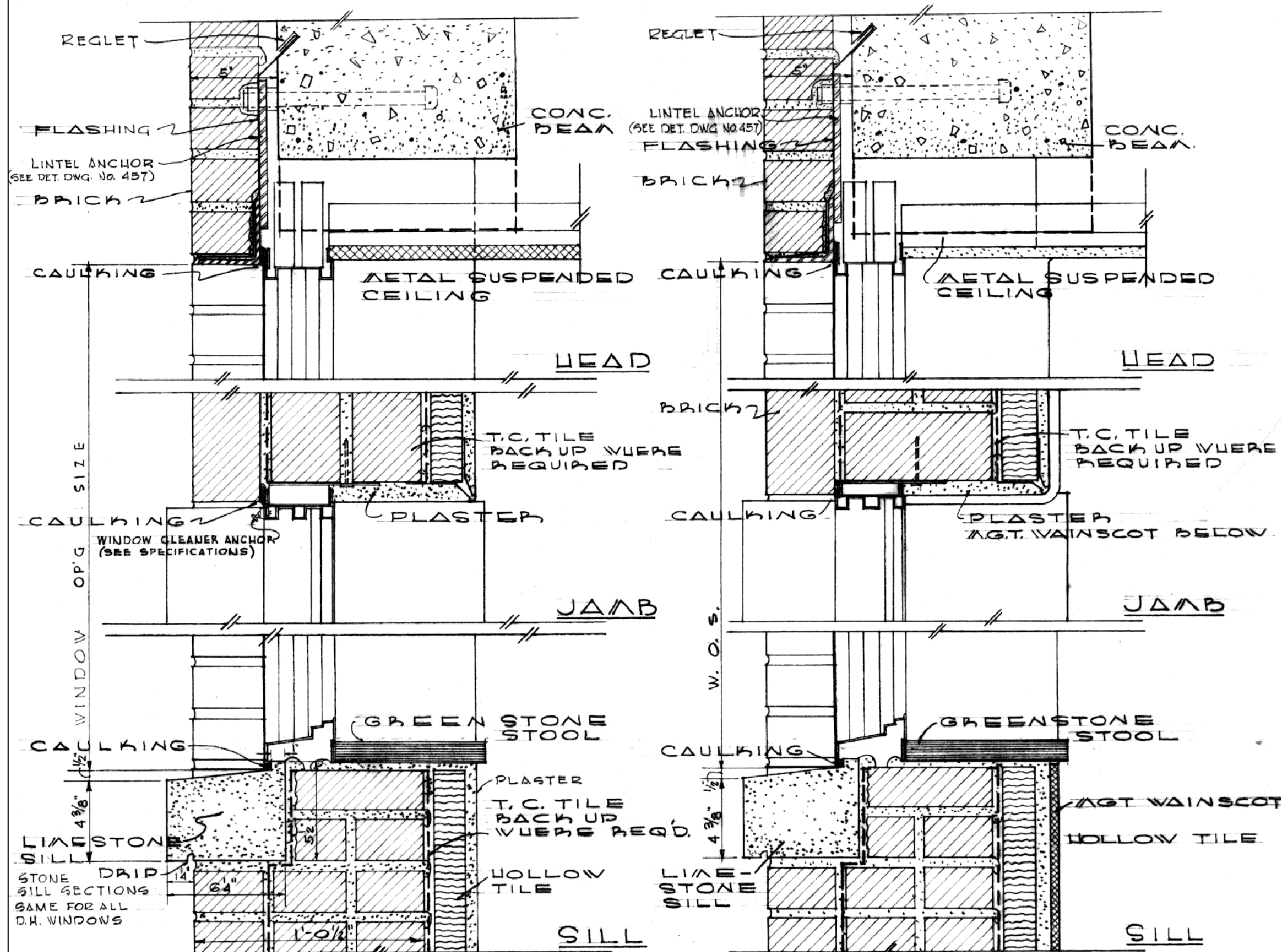
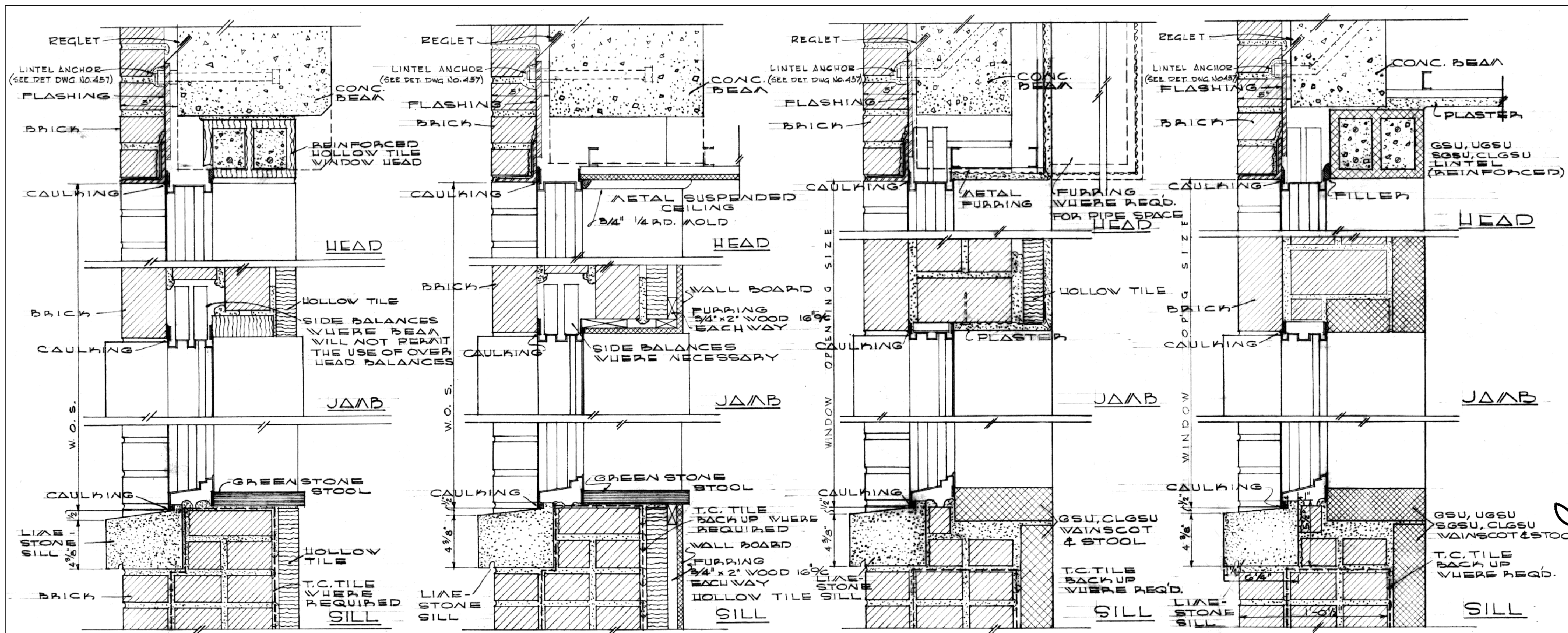
BUILDING 3 IS OUTPATIENT CARE BUILDING WHICH WILL REQUIRE SCHEDULING THE ACCESS TO MANY SPACES. AFTER THE NOTICE TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.

BUILDING 4 IS A MENTAL HEALTH BUILDING WHICH HOUSES BOTH INPATIENT AND OUTPATIENTS. EXTREME CARE IS TO BE TAKEN WHEN WORKING IN THIS BUILDING. ALL TOOLS ARE TO BE KEPT LOCKED UP AND WITHIN HANDS REACH AT ALL TIMES. TO PROCEED ON THIS CONTRACT THE CONTRACTOR AND COR SHALL SET A PRELIMINARY SCHEDULE BASED ON THE NUMBER OF WINDOWS THAT CAN SUCCESSFULLY BE REMOVED AND REPLACED IN A NORMAL WORK DAY. NO MORE WINDOWS CAN BE REMOVED THAN CAN BE REPLACED IN A NORMAL WORK DAY. ALL AREAS OF BUILDING 3 ARE OCCUPIED ALL DAY AND THE CONTRACTOR MUST MUST PROVIDE A CLEAN HAZARD FREE WORK AREA AT EACH WINDOW.



INSULATION VALUES						PER ASHRAE STANDARD 90.1-2010	
STATION	CLIMATE ZONE	ROOF INSULATION	WALL INSULATION	FLOOR INSULATION	DOOR MAX. (OVERALL U")	WINDOWS MAX U" MIN. 1/2"	MIN. 1/2"
SALISBURY (659)	3A	R20 GJ, METAL R13+R15 ATTIC R30	R13, 7.5 GJ, METAL R15	R30 SLAB R15 FOR 24"	0.07	0.06	0.25

RECOMMEND APPROVAL				Drawing Title		Project Title		Date	
REQUESTER	Date	CHIEF OF SERVICE	Date	DETAILS AND NOTES FOR " A " WINDOW REPLACEMENT		REPLACE WINDOWS STATION WIDE		15 OCTOBER 2013	
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date	Approved: Safety Manager/M&O Supervisor		Building Number 659-14-203		Project No. 659-14-203	
APPROVAL BY:	Date	APPROVED:CHIEF OF FACILITIES MANAGEMENT SVC.	Date	Location W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144		Checked Drawn GLM		DRAWING NO. 12R2	
MEDICAL CENTER DIRECTOR								DWG. 12 OF 16	



"DOUBLE"
"HUNG"
"WINDOWS"
"TYPE A"

2	REVISED DRAWING TO DELETE WINDOW SIZES	2-18-14
1	REVISED THE DRAWING TITLE	12-2-13
Revision		Date

RECOMMEND APPROVAL

REQUESTER	Date	CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date		Date
APPROVAL BY:					Date
MEDICAL CENTER DIRECTOR					

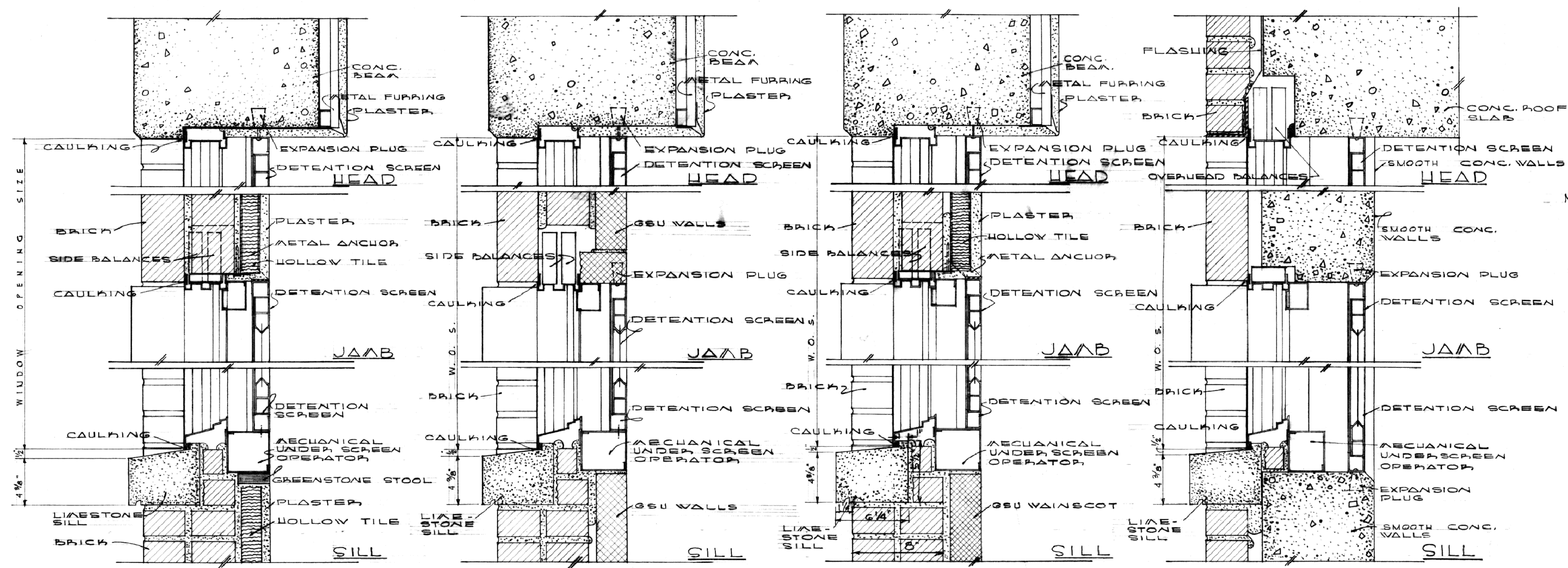
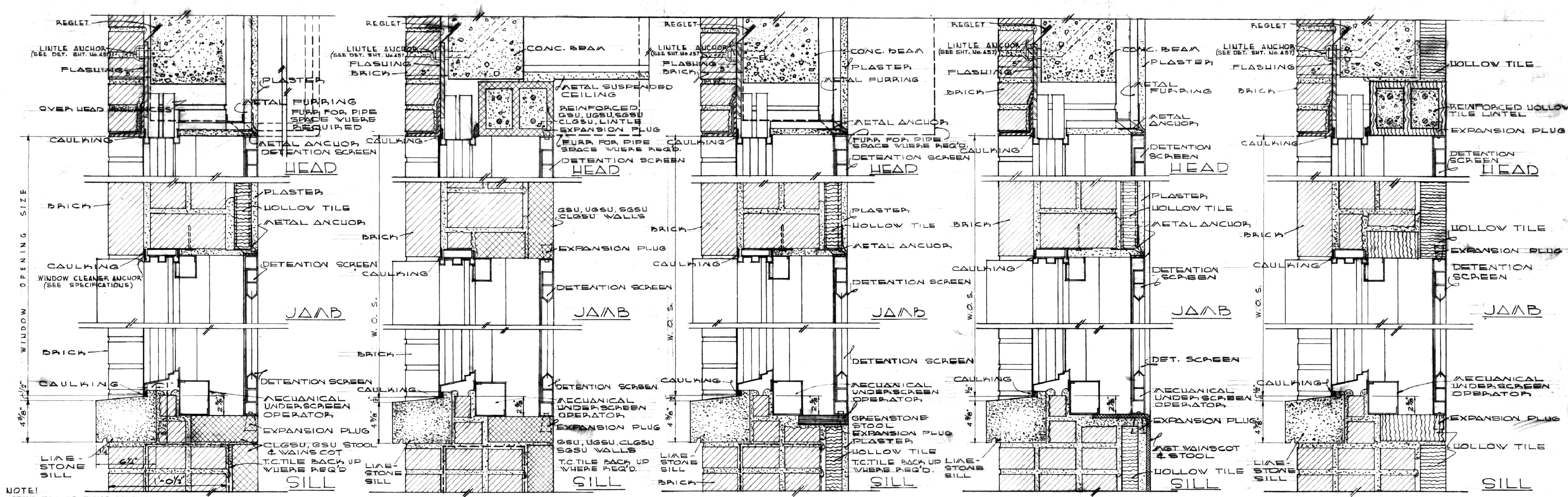
Drawing Title
EXISTING DOUBLE HUNG WINDOW SECTION DETAILS
Approved: Safety Manager/M&O Supervisor
Approved: Chief of Facilities Management Svr.

Project Title
REPLACE WINDOWS STATION WIDE
Building Number
STATIONWIDE
Checked
Drawn
GLM
Location
W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144

Date
15 OCTOBER 2013
Project No.
659-14-203
DRAWING NO.
13R2
DWG. 13 OF 16



Department of
Veterans Affairs



**'DOUBLE'
'HUNG'
'WINDOWS'
'TYPE 'A'
'SCALE 3/4"=1'-0"**

NOTE!! THESE DETAILS SHOW TYPICAL WINDOW INSTALLATIONS FOR THE DIFFERENT TYPES OF EXTERIOR AND INTERIOR FINISH CONDITIONS. SEE FLOOR PLANS FOR ROOM FINISH.

NOTE! FOR ALL SERIES (4) WINDOWS SEE TYPICAL DETS SHEETS No 100 AND 397

NOTE! DETENTION SCREENS ARE REQUIRED ON ALL WINDOWS MARKED "D.S." ON ELEVATIONS.

Revision	Date

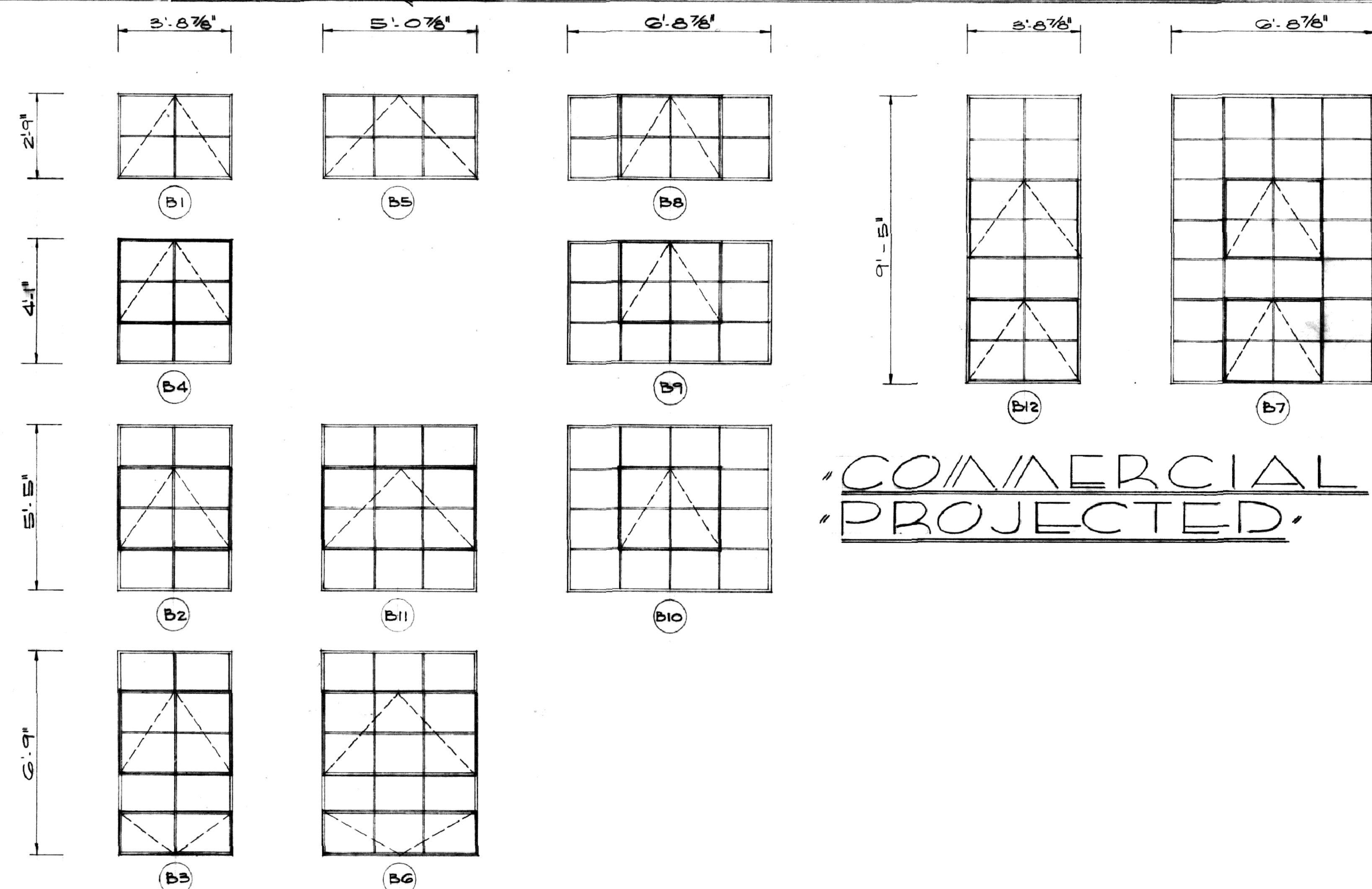
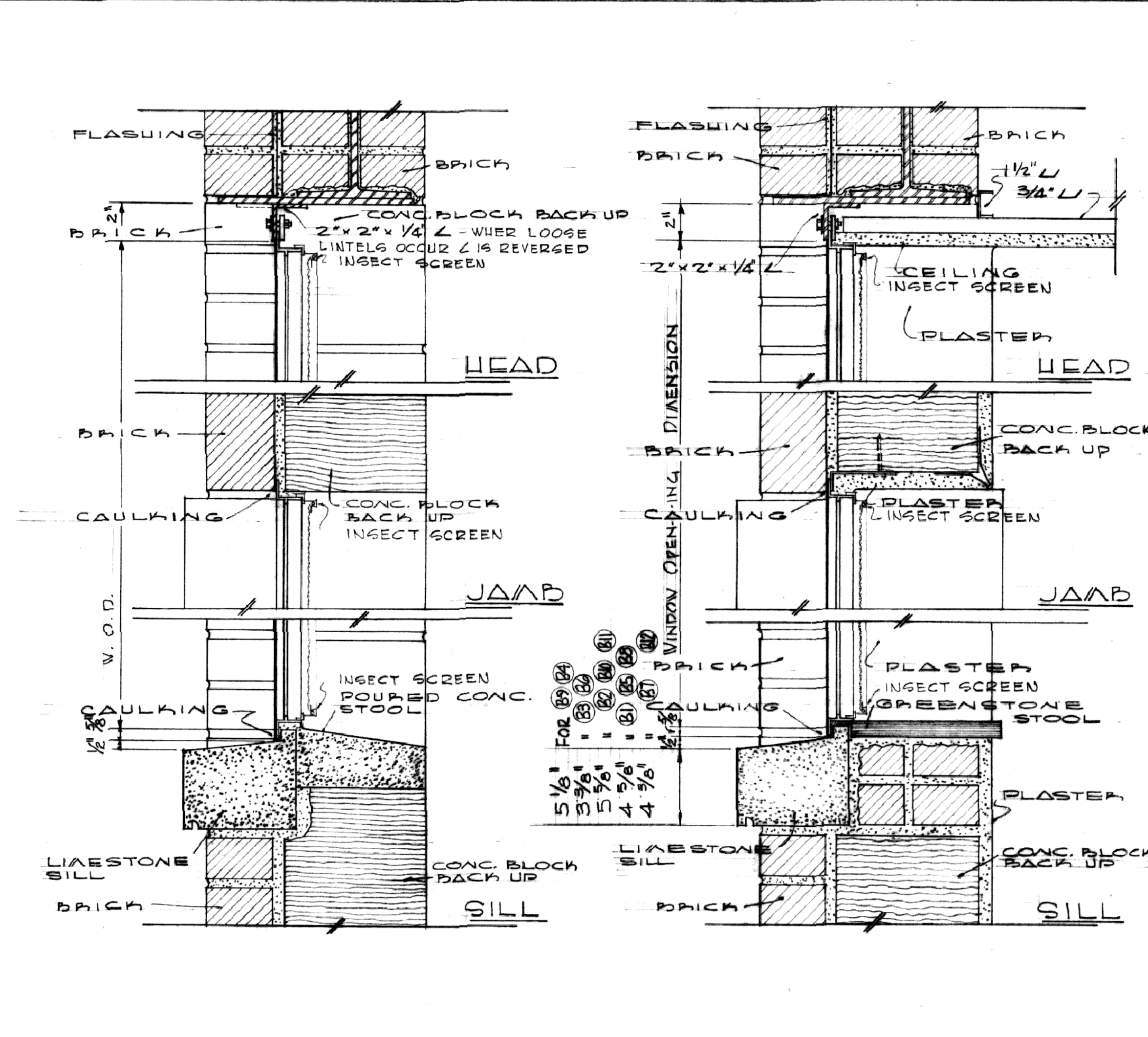
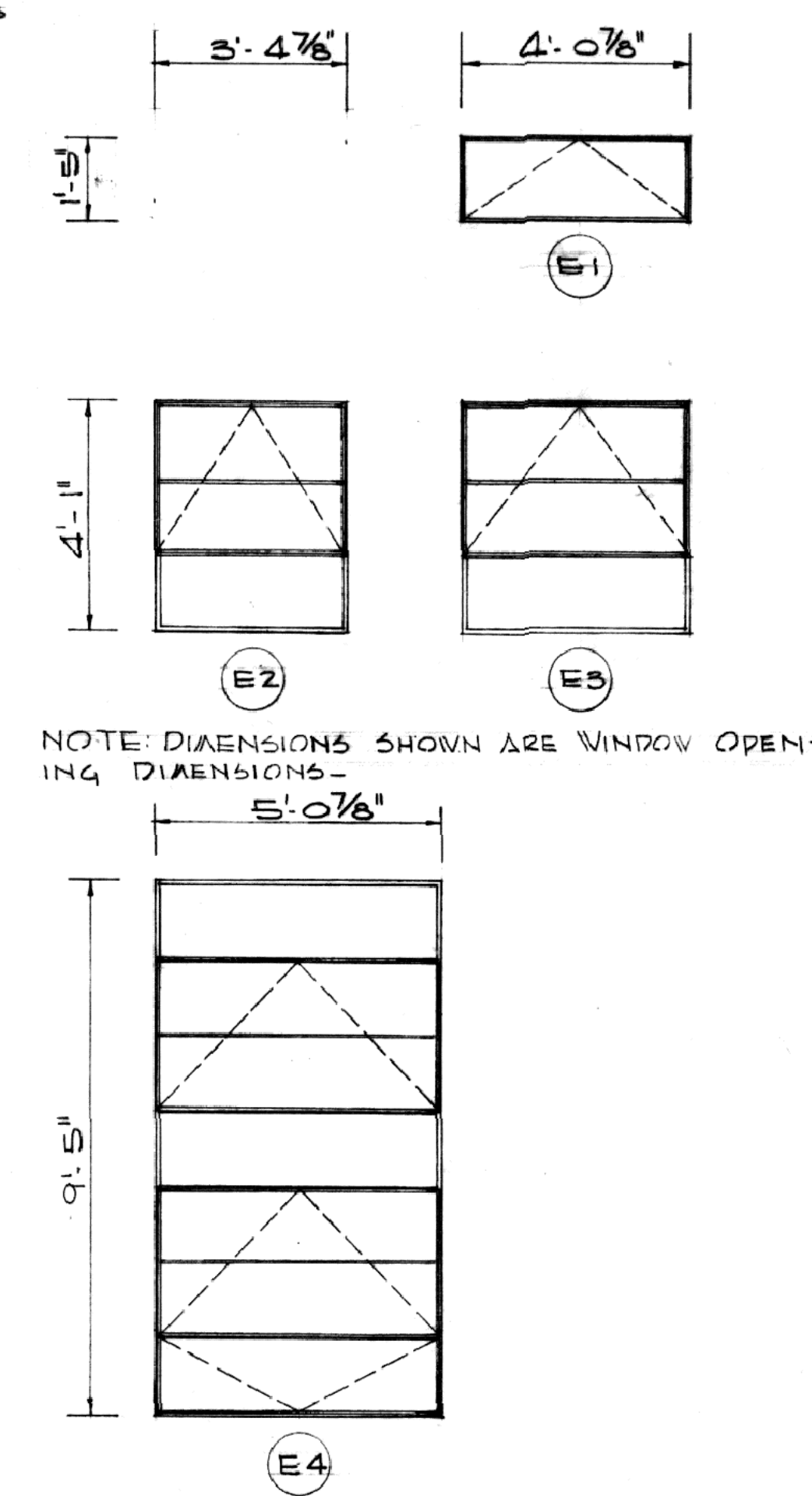
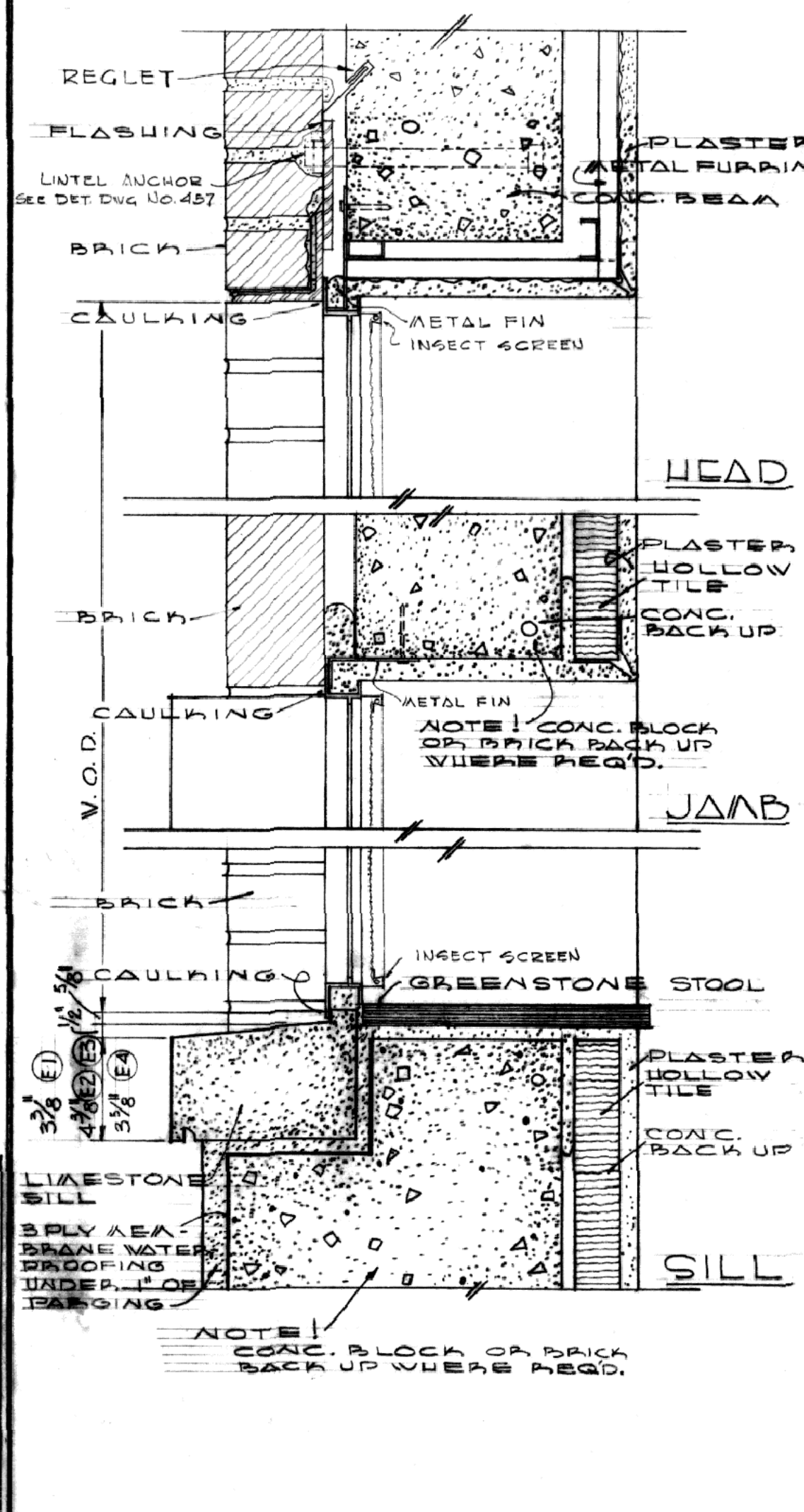
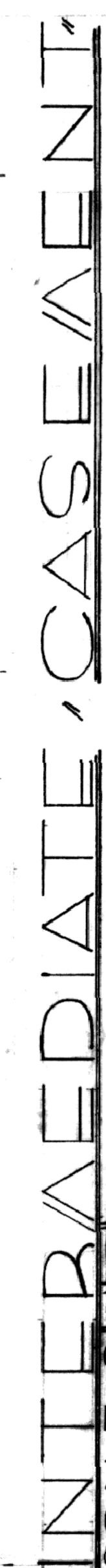
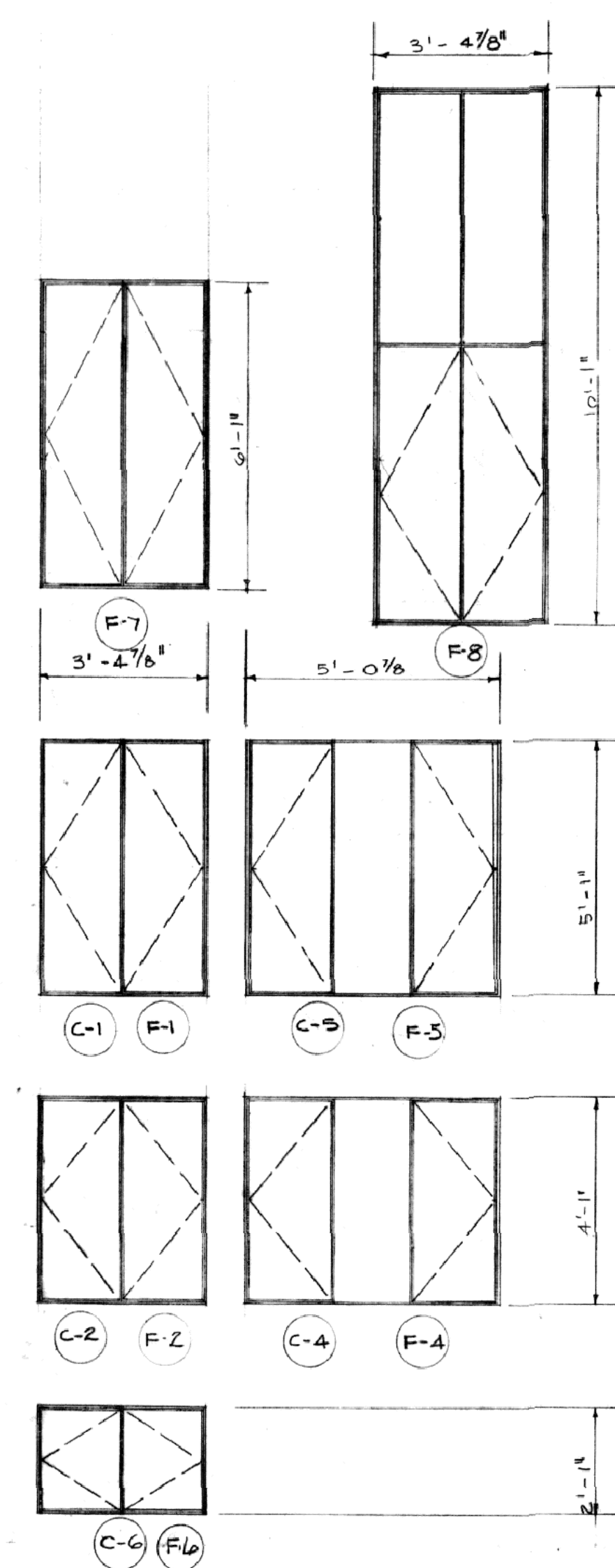
RECOMMEND APPROVAL			
REQUESTER	Date		
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title	Project Title
EXISTING DOUBLE HUNG WINDOW SECTION DETAILS	REPLACE WINDOWS STATION WIDE
Approved: Safety Manager/M&O Supervisor	Building Number
	STATIONWIDE
Approved: Chief of Facilities Management Svr.	Checked
	GLM
	Drawn
	GLM
	Location
	W.G.(Bill) Hefner Medical Center
	1601 Brenner Ave.
	Salisbury NC 28144

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	14
DWG. 14 OF 16	



Department of
Veterans Affairs



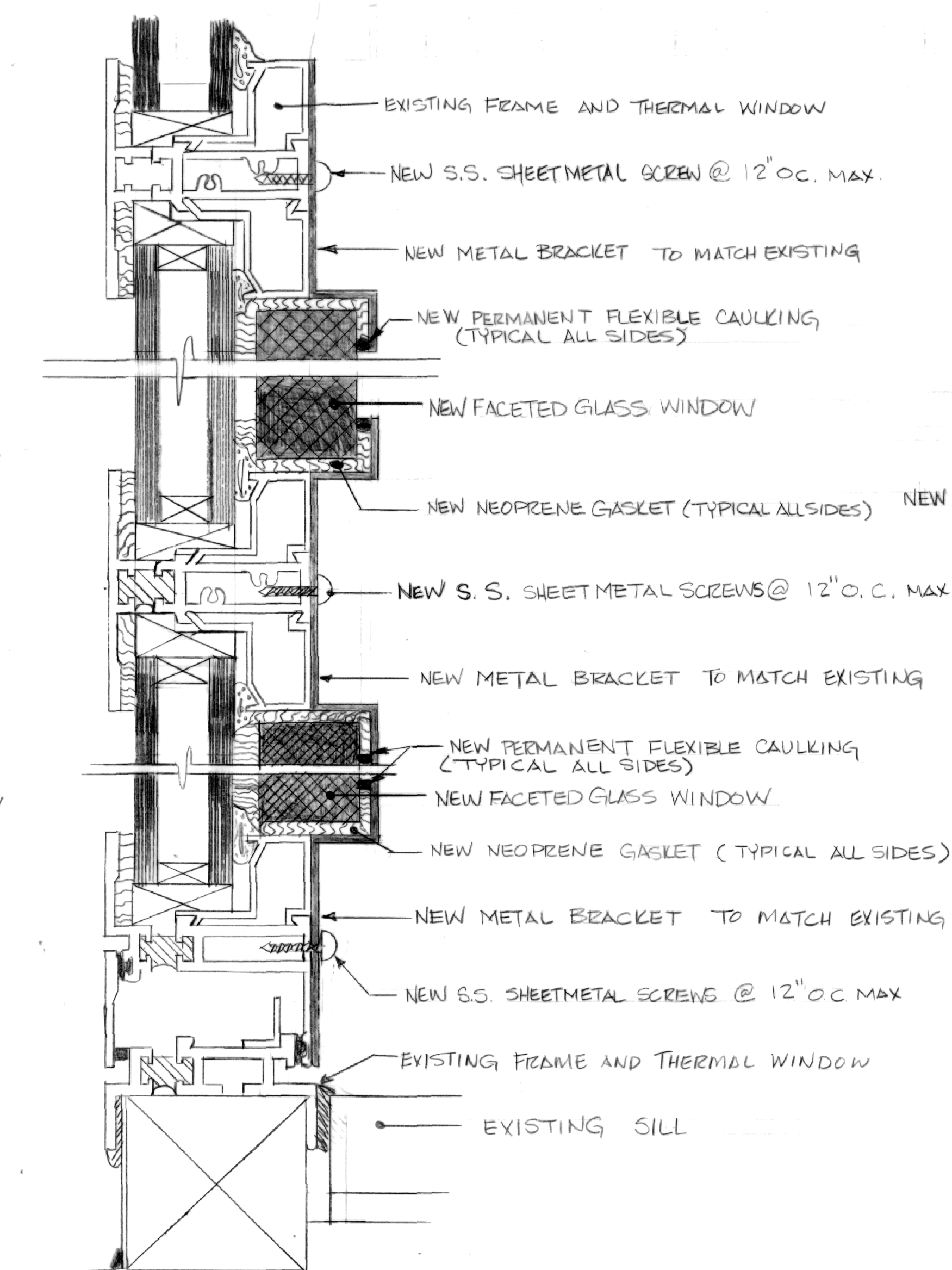
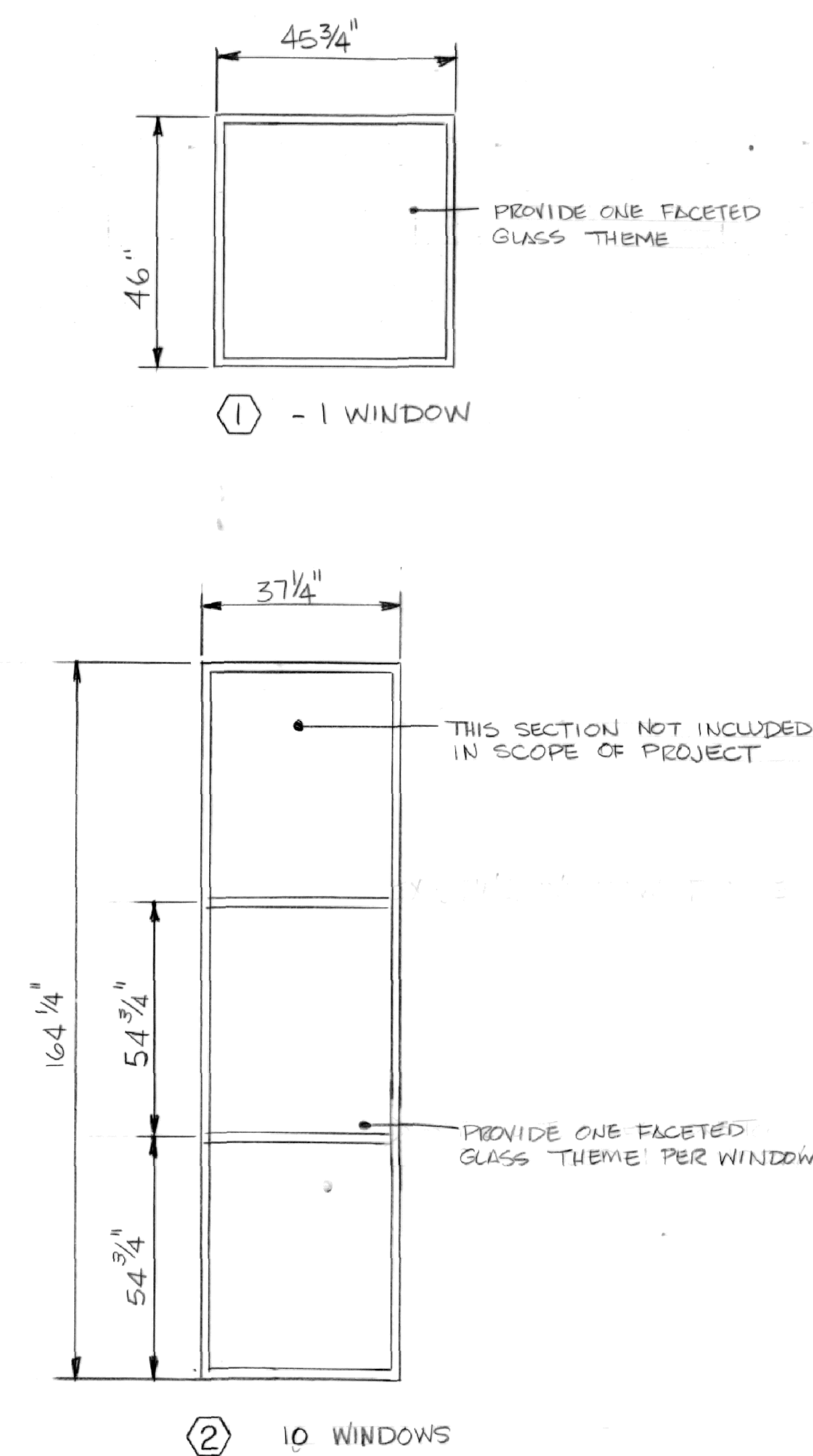
"COMMERCIAL
"PROJECTED."

[illegible]

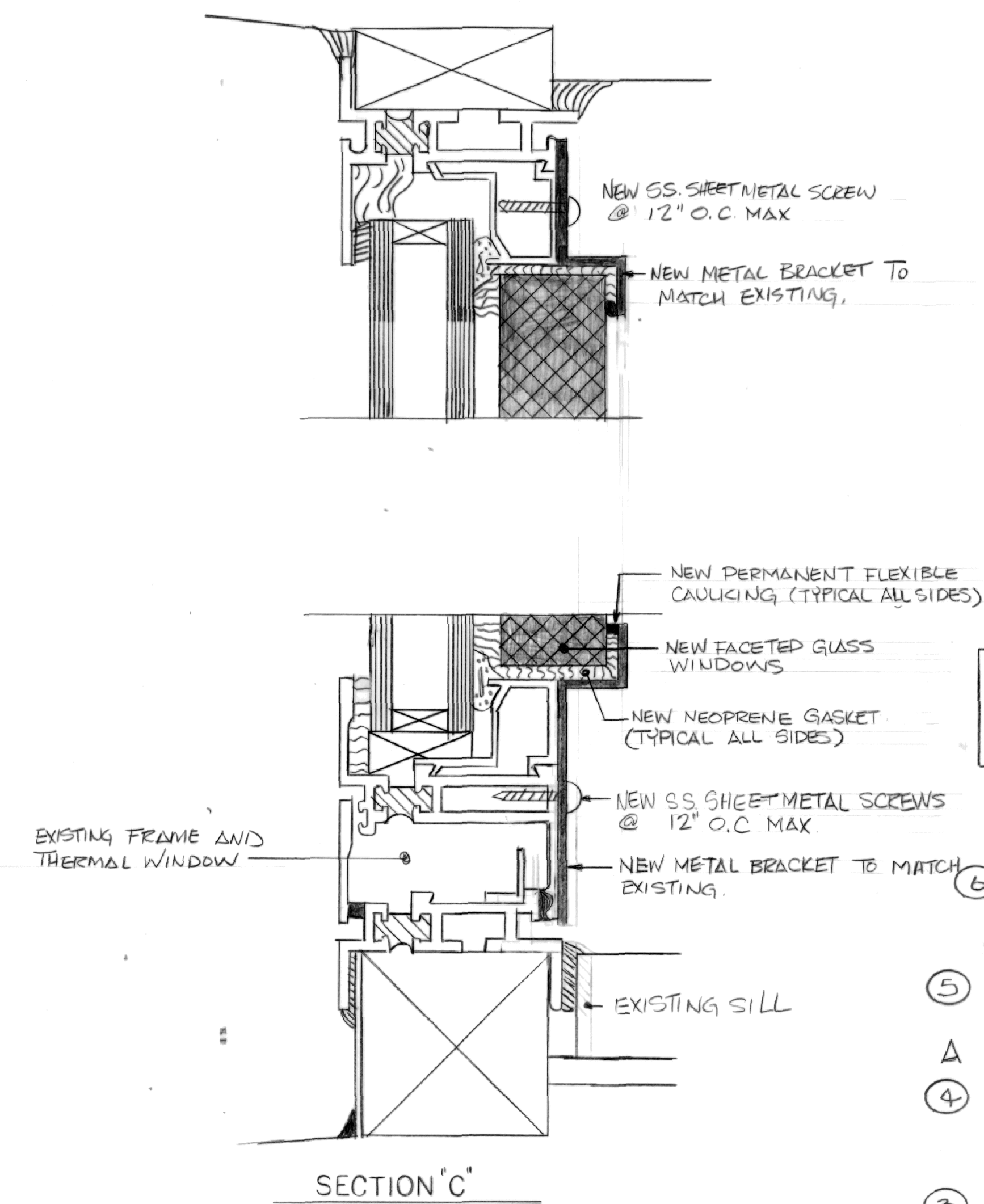
Drawing Title COMMERCIAL SECTION AND ELEVATIONS DETAILS
Approved: Safety Manager/M&O Supervisor
Approved: Chief of Facilities Management Svr.

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	15
DWG. 15 OF 16	

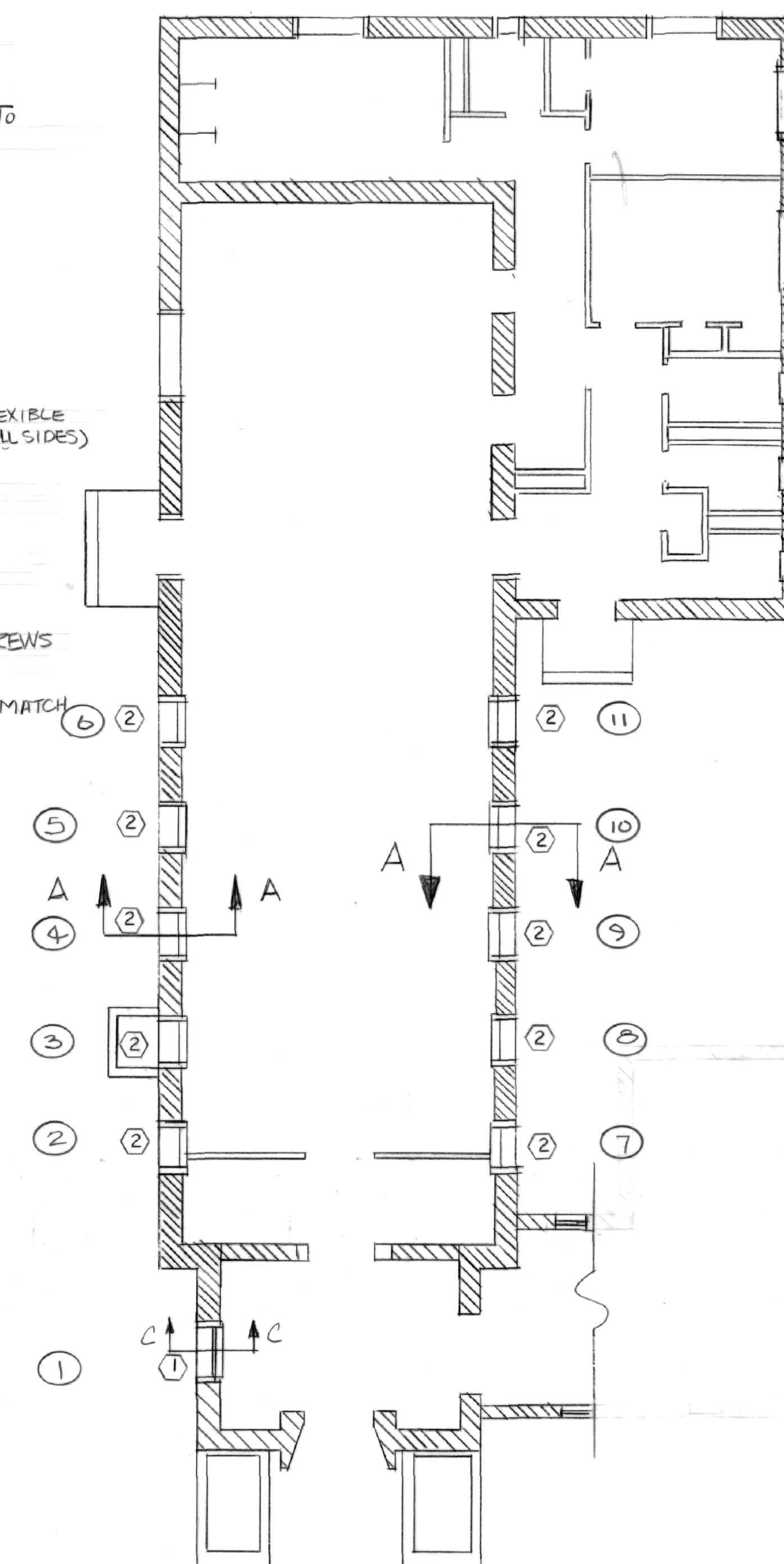
Department of
Veterans Affairs



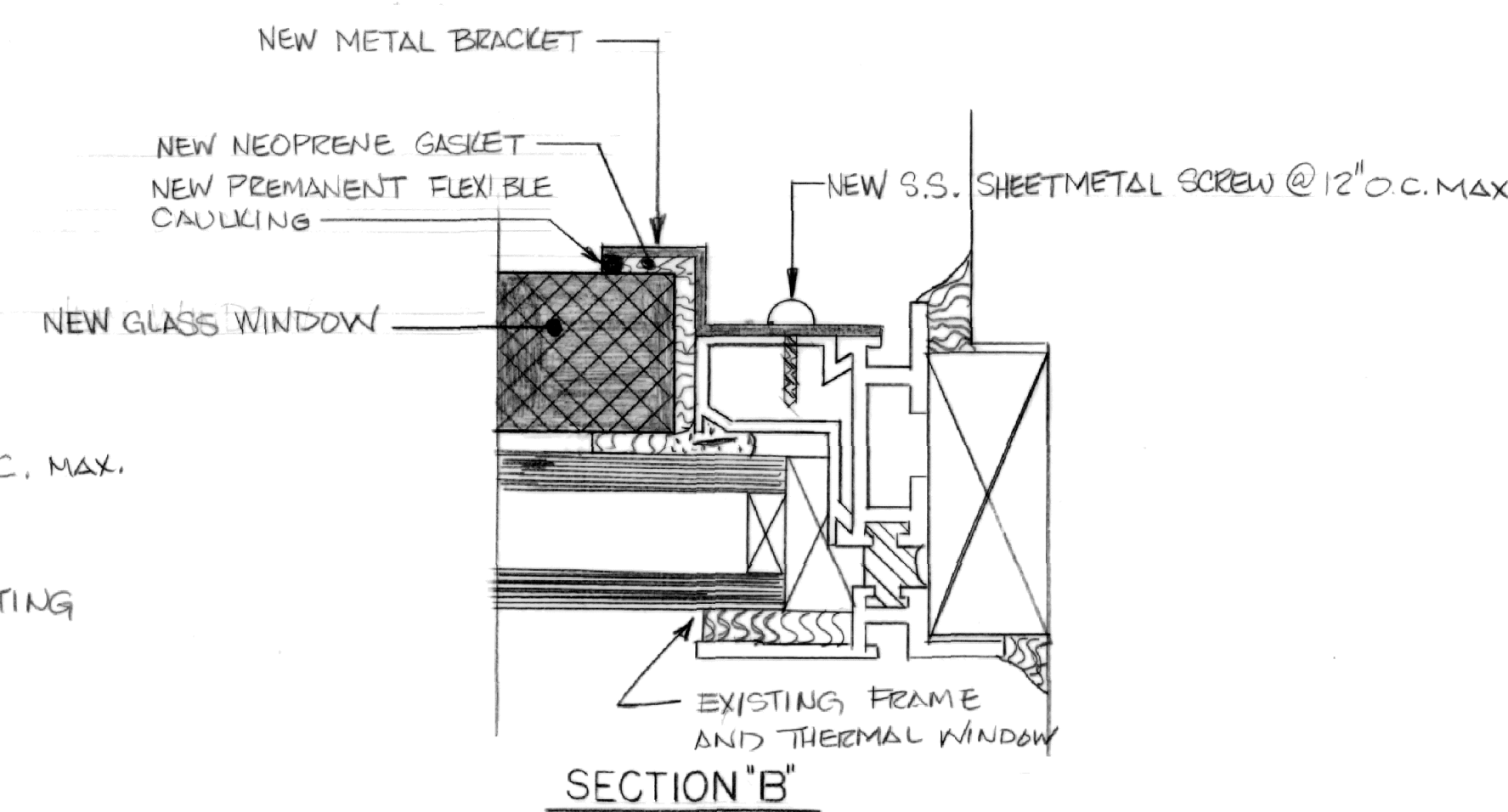
SECTION "A"
N.T.S.



SECTION "C"



PLAN BLDG 19



SECTION "B"

Revision	Date

RECOMMEND APPROVAL			
REQUESTER	Date		
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:	Date		
MEDICAL CENTER DIRECTOR			

Drawing Title	EXISTING STAIN GLASS DETAILS IN B 19 CHAPEL
Approved: Safety Manager/M&O Supervisor	
Approved: Chief of Facilities Management Svr.	

Project Title	REPLACE WINDOWS STATION WIDE
Building Number	STATIONWIDE
Checked	GLM
Drawn	GLM
Location	W.G.(Bill) Hefner Medical Center 1601 Brenner Ave. Salisbury NC 28144

Date	15 OCTOBER 2013
Project No.	659-14-203
DRAWING NO.	16
DWG. 16 OF 16	



Department of
Veterans Affairs